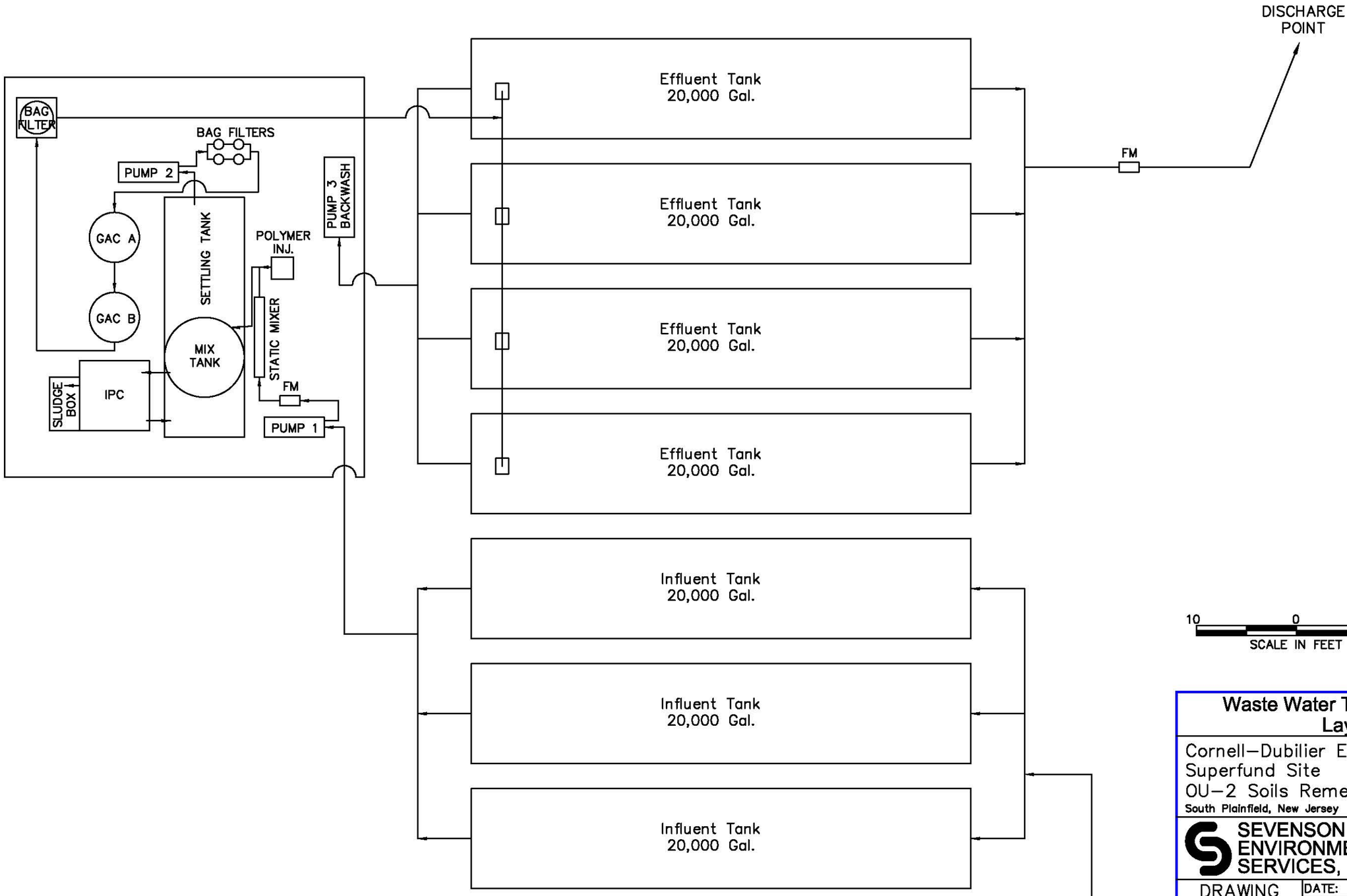


10 0 10
SCALE IN FEET

284565

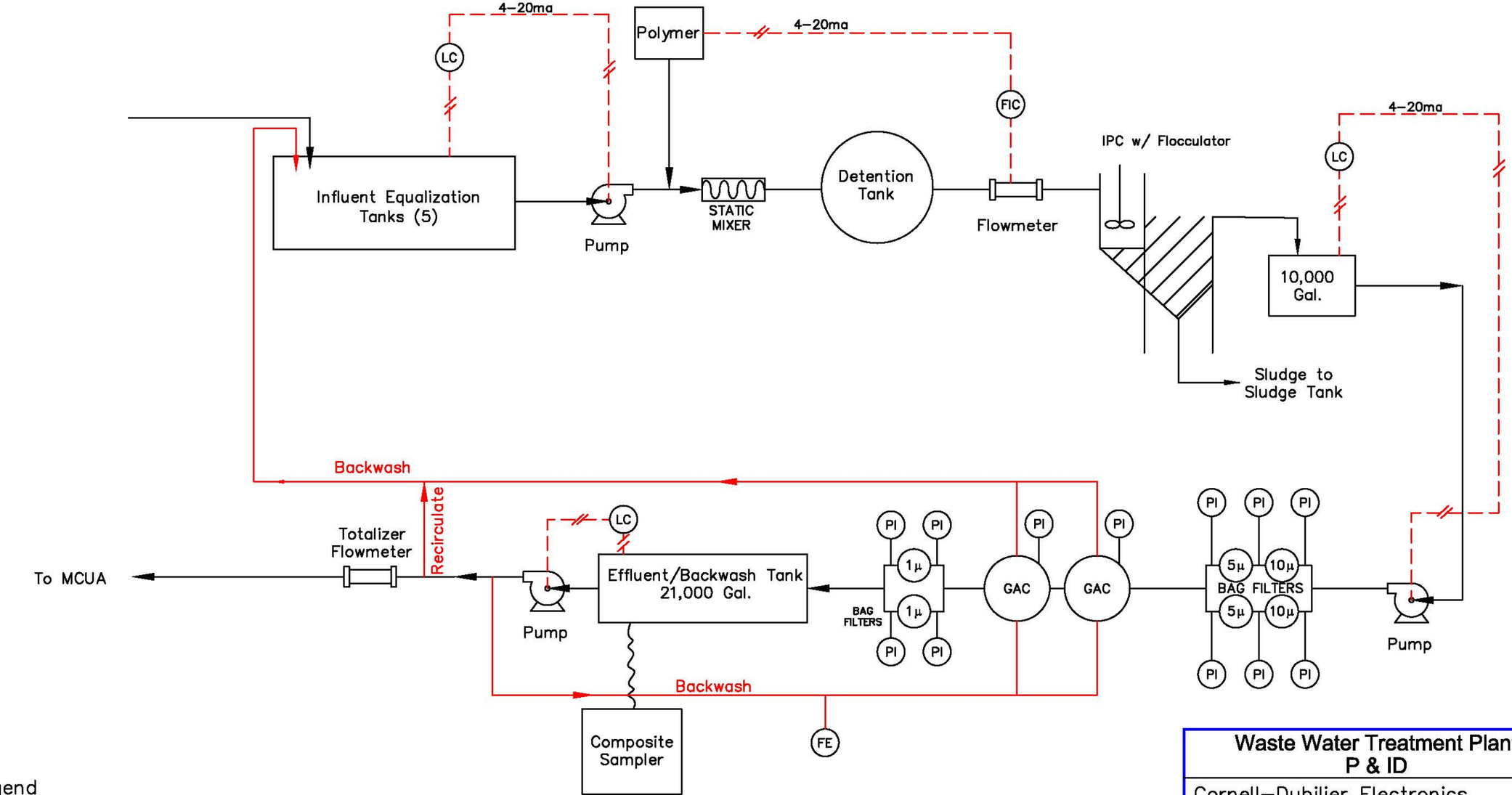
Waste Water Treatment Plant Layout

Cornell–Dubilier Electronics
Superfund Site
OU–2 Soils Remediation
South Plainfield, New Jersey

SEVENSON ENVIRONMENTAL SERVICES, INC.

DRAWING

DATE:	9/24/09
DRAWN BY:	C. Bigelow
CHECKED BY:	M. Walker
CAD FILE:	wwtp–layout
SCALE:	none



Legend

(LC) – Level Controller

(PI) – Pressure Indicator

(FIC) – Flow Indicating Controller

(FE) –Flow Element

Waste Water Treatment Plant P & ID

Cornell–Dubilier Electronics
Superfund Site
OU–2 Soils Remediation
South Plainfield, New Jersey

SEVENSON ENVIRONMENTAL SERVICES, INC.

DRAWING		
	DATE:	7/16/09
	DRAWN BY:	C. Bigelow
	CHECKED BY:	M. Walker/ T. Driscoll
	CAD FILE:	wwtp–P&ID
	SCALE:	none

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE

(Read instructions on the reverse side prior to initiating this form)

DATE	TRANSMITTAL NO.
07/02/2009	02630-174

SECTION I - REQUEST FOR APPROVAL OF THE FOLLOWING ITEMS (This section will be initiated by the contractor)

TO:	FROM:	CONTRACT NO.	CHECK ONE:
Environmental Residency US Army Corps of Engineers 214 State Highway 18 East Brunswick, NJ 08816	Sevenson Environmental Services Inc. 2749 Lockport Road Niagara Falls, NY 14305	W912DQ-04-D-0023 0011	[X] THIS IS A NEW TRANSMITTAL [ ] THIS IS A RESUBMITTAL OF TRANSMITTAL _____

SPECIFICATION SEC. NO. (Cover only one section with each transmittal)	PROJECT TITLE AND LOCATION	CHECK ONE: THIS TRANSMITTAL IS
02630	01-Main Register Cornell Dubilier OU2 Soils (LTTD) 333 Hamilton Boulevard, SP, NJ 07080	FOR [X] FIO [ ] GA [ ] DA [ ] CR

ITEM NO. a.	DESCRIPTION OF ITEM SUBMITTED (Type size, model number/etc.) b.	MFG OR CONTR. CAT., CURVE DRAWING OR BROCHURE NO. (See instruction no. 8) c.	NO. OF COPIES d.	CONTRACT REFERENCE DOCUMENT		FOR CONTRACTOR USE CODE g.	VARIATION (See Instruction No. 6) h.	FOR CE USE CODE i.
				SPEC. PARA. NO. e.	DRAWING SHEET NO. f.			
1	Temporary Discharge Approval Application	DATA	6	1.2		A	N	

REMARKS

I certify that the above submitted items have been reviewed in detail and are correct and in the strict conformance with the contract drawings and specifications except as otherwise stated.

LUCAS TURNBRANN

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED (List by item No.)	NAME, TITLE AND SIGNATURE OF APPROVING AUTHORITY	DATE

Sevenson
Environmental
Services, Inc.

1 July 2009

Middlesex County Utilities Authority
P.O. Box 159
Sayreville, New Jersey 08872
Attn: Environmental Quality

Regarding: Cornell Dubilier Electronics Superfund Site
OU 2 Soils Remediation
Temporary Discharge Approval Application

Gentlemen:

Attached, please find the Middlesex County Utilities Authority (MCUA) Temporary Discharge Approval Application. Sevenson Environmental Services, Inc. (SES) intends to construct a temporary water treatment facility on the Cornell Dubilier Electronics Superfund Site, located at 333 Hamilton Blvd., South Plainfield, NJ, to treat ground water accumulated from the site activities prior to discharging the water into an existing sewer manhole located at the northeast area of the site. It is SES' intention to have the treatment plant operational by September 1, 2009, pending the application approval, and operate it for approximately 18 months.

If you have any technical questions regarding the permit application, please contact Mr. Terry Driscoll at 404-814-9343, e-mail tpdriscoll@mindspring.com or myself at 908-769-5301, e-mail klickfield@sevenson.com.

Your help in this matter is greatly appreciated.

Sincerely,
Sevenson Environmental Services, Inc.

Kim W. Lickfield
Project Manager

Attachment

MIDDLESEX COUNTY UTILITIES AUTHORITY

P.O. Box 159, Sayreville, NJ 08872-0159
(732)721-3800 Fax(732)727-2254

TEMPORARY DISCHARGE APPROVAL APPLICATION

Groundwater Remediation Control

__X_ New ____ Renew ____ Modify TDA No. _____

SECTION 1. APPLICANT/RESPONSIBLE PARTY:

1.1. Company name, mailing address, and telephone number.
Sevenson Environmental Services, Inc.

2749 Lockport Rd.

Niagara Falls, NY 14305_____

Telephone No. ___716-284-0431_____

1.2. Site Identification

I. Site name:___Cornell Dubilier Electronics Superfund Site__

II. Street:_____333 Hamilton Blvd_____

III. City:_____S. Plainfield

IV. State/Zip Code/County:___New Jersey 07080_____

V. ~~Owner~~/Operator:_____Sevenson Environmental Services, Inc._____

VI. Telephone no.:_____908-769-5301_____

VII. Type of Ownership: __X_ Federal ____ State ____ County
____ Municipal ____ Private ____ Unknown

VIII. Site Description:__Superfund remediation—VOCs and PCBs____

1.3 Person to contact concerning information herein:

Name/Title: Mr. Terence P. Driscoll, P.E._____

Company:_____ADA, Inc_____

Telephone:_ _____404-814-9343_____

1.4 Authorized representative for the applicant/~~responsible party~~:

Name/Title_____Mr. Kim Lickfield_____Project Manager_____

Company :_____Sevenson Environmental Services, Inc_____

Telephone:_____908-769-5301_____

1.5 Operational status of any facilities at the site:

Open ____ Closed ____ Under Construction ____ Proposed _X__

Date began/ended/proposed to begin _September 1, 2009—February 28, 2011_

1.6 Please indicate if the facility employs (past, ~~present~~) a process in any of the following industrial categories or business activities listed below:

___ Aluminum Forming
___ Asbestos Manufacturing
___ Battery Manufacturing
___ Builder's Paper Board and Mills
___ Carbon Black Manufacturing
___ Cement Manufacturing
___ Coil Coating
___ Copper Forming
___ Dairy Products Processing
X Electrical & Electronic Components—Capacitor Manufacturing
___ Electroplating/Metal Finishing
___ Explosives Manufacturing
___ Feedlots
___ Ferroalloy Manufacturing
___ Fertilizer Manufacturing
___ Food/Edible Products- Specify:_____
___ Glass Manufacturing
___ Grain Mills Manufacturing
___ Gum & Wood Chemicals
___ Hospitals
___ Industrial Laundries
___ Ink Formulating
___ Inorganic Chemicals
___ Iron &Steel
___ Leather Tanning & Finishing
___ Meat Processing
___ Metal Products & Machinery
___ Metal Molding & Casting (Foundries)
___ Mining and Processing
___ Nonferrous Metals Forming and Metal Powders
___ Nonferrous Metals Manufacturing
___ Oil and Gas Extraction/Coastal Oil & Gas
___ Organic Chemicals, Plastics and Synthetic Fibers
___ Paint Formulating
___ Paving and Roofing Materials)tars and Asphalts)
___ Pesticide Chemicals/Formulating & Packaging
___ Petroleum Refining
___ Pharmaceutical Manufacturing
___ Phosphate Manufacturing

___ Photographic Processing
___ Plastics Molding and Forming
___ Porcelain Enameling
___ Pulp, Paper, and Paperboard
___ Rubber Manufacturing
___ Soap & Detergent Manufacturing
___ Steam Electric Power Generating
___ Textile Mills
___ Timber Products Processing
___ Transportation Equipment Cleaning
___ Waste Treatment
___ Other – explain:_____

SECTION 2. DISCHARGE INFORMATION

2.1 Description of project and need for Temporary Discharge Approval.
(Attach additional sheets if necessary)

_____Attached_____

_____

_____

_____

2.2 NJDEP Case Number--None

Name:_____

Division:_____

Bureau:_____

Address:_____

Telephone:_____

2.3 Duration of proposed discharge

_____ Days _____ Weeks _18 Months _____ Years

A Temporary Discharge Approval shall have a term of one year, renewable each year upon application to and the approval of the Authority, subject to a maximum life of 5 years. After a Temporary Discharge Approval reaches its maximum life of 5 years, it shall expire and the discharge shall cease, unless the Authority, in its discretion, determines to issue a new Temporary Discharge Approvals.

2.4 Volume of propose discharge

100 Gallons per minute

_____ Gallons per day

12,480,000 Total gallons for duration of project maximum of one year.

2.5 Pretreatment of proposed discharge

___ Air Flotation
___ Biological Treatment, type_____
___ Centrifuge
___ Chemical Precipitation
___ Chlorination
___ Cyclone
_X_ Filtration
_X Flow Equalization
___ Grease Trap
___ Grit Removal
___ Ion Exchange
___ Neutralization, pH Correction
___ Oil or Grease Separation, type_____
___ Ozonation
___ Rainwater Diversion or Storage_____
___ Reverse Osmosis
___ Screen
_X_ Sedimentation
___ Septic Tank
___ Solvent Separation
___ Spill Prevention
___ Sump
_X_ Other, explain___Granular Activated Carbon Adsorption_____
___ No Pretreatment Provided

SECTION 3. PROPOSED DISCHARGE CONSTITUENT CONCENTRATIONS

Please indicate by placing an "x" in the appropriate box by each listed chemical whether it is "Believed Absent", or "Believed Present" in the proposed discharge. If the effluent concentration is known or can be estimated, please fill in the appropriate space next to the chemical. If any analyses have been performed on the proposed discharge attach a copy of the most recent data to this application. Be sure to include the date of the analysis, name of the laboratory performing the analysis, location(s) from which sample(s) were taken (attach sketches, plans, etc., as necessary), type of sample taken (e.g. composite, grab), and chain of custody form. Please indicate which concentration measurements are estimated with an E, and explain estimation process.

3.1A USEPA PRIORITY POLLUTANT—AFTER GAC TREATMENT

Chemical Compound	Believed Absent	Believed Present	Known or Suspected Conc. (mg/L)
Acenaphthene	[X]	[ ]	[ ]
Acrolein	[X]	[ ]	[ ]
Acrylonitrile	[X]	[ ]	[ ]
Benzene	[X]	[ ]	[ ]
Benzidine	[X]	[ ]	[ ]
Carbon tetrachloride	[X]	[ ]	[ ]
Chlorobenzene	[X]	[ ]	[ ]
1,2,4-Trichlorobenzene	[X]	[ ]	[ ]
Hexachlorobenzene	[X]	[ ]	[ ]
1,2-Dichloroethane	[X]	[ ]	[ ]
1,1,1-Trichloroethane	[X]	[ ]	[ ]
Hexachlorobenzene	[X]	[ ]	[ ]
1,1,2-Trichloroethane	[X]	[ ]	[ ]
1,1,2,2-Tetrachloroethane	[X]	[ ]	[ ]
Chloroethane	[X]	[ ]	[ ]
Bis(chloromethyl)ether	[X]	[ ]	[ ]
Bis(2-chloroethyl)ether	[X]	[ ]	[ ]
2-Chloroethyl vinyl ether	[X]	[ ]	[ ]
2-Chloronaphthalene	[X]	[ ]	[ ]
2,4,6-Trichlorophenol	[X]	[ ]	[ ]
p-Chloro-m-cresol	[X]	[ ]	[ ]
Chloroform	[X]	[ ]	[ ]
2-Chlorophenol	[X]	[ ]	[ ]
1,2-Dichlorobenzene	[X]	[ ]	[ ]
1,3-Dichlorobenzene	[X]	[ ]	[ ]
1,4-Dichlorobenzene	[X]	[ ]	[ ]
3,3-Dichlorobenzidine	[X]	[ ]	[ ]
1,1-Dichloroethylene	[X]	[ ]	[ ]
1,2-Trans-Dichloroethylene	[X]	[ ]	[ ]
2,4-Dichlorophenol	[X]	[ ]	[ ]
1,2-Dichloropropane	[X]	[ ]	[ ]
1,3-Dichloropropylene	[X]	[ ]	[ ]
(1,3-dichloropropene)	[X]	[ ]	[ ]
2,4-Dimethylphenol	[X]	[ ]	[ ]
2,4-Dinitrotoluene	[X]	[ ]	[ ]
2,6-Dinitrotoluene	[X]	[ ]	[ ]
1,2-Diphenylhydrazine	[X]	[ ]	[ ]
Ethylbenzene	[X]	[ ]	[ ]
Fluoranthene	[X]	[ ]	[ ]
4-Chorophenyl phenyl ether	[X]	[ ]	[ ]
4-Bromophenyl phenyl ether	[X]	[ ]	[ ]

Bis(2-chloroisopropyl)ether	[X]	[ ]	[ ]
Bis(2-chloroethoxy)methane	[X]	[ ]	[ ]
Methylene chloride	[X]	[ ]	[ ]
Methyl chloride (Chloromethane)	[X]	[ ]	[ ]
Methyl bromide (Bromomethane)	[X]	[ ]	[ ]
Bromoform	[X]	[ ]	[ ]
Dichlorobromomethane	[X]	[ ]	[ ]
Chlorodibromoethane	[X]	[ ]	[ ]
Hexachlorobutadiene	[X]	[ ]	[ ]
Hexachlorocyclopentadiene	[X]	[ ]	[ ]
Isohprone	[X]	[ ]	[ ]
Naphthalene	[X]	[ ]	[ ]
Nitrobenzene	[X]	[ ]	[ ]
2-Nitrophenol	[X]	[ ]	[ ]
4-Nitrophenol	[X]	[ ]	[ ]
4,6-Dinitro-o-cresol	[X]	[ ]	[ ]
N-nitrosodimethylamine	[X]	[ ]	[ ]
N-nitrosodiphenylamine	[X]	[ ]	[ ]
N-nitrosodi-n-propylamine	[X]	[ ]	[ ]
Pentachlorophenol	[X]	[ ]	[ ]
Phenol	[X]	[ ]	[ ]
Bis(2-ethylhexyl)phthalate	[X]	[ ]	[ ]
Butyl benzyl phthalate	[X]	[ ]	[ ]
Di-n-butyl phthalate	[X]	[ ]	[ ]
Di-n-octyl phthalate	[X]	[ ]	[ ]
Diethyl phthalate	[X]	[ ]	[ ]
Dimethyl phthalate	[X]	[ ]	[ ]
Benzo(a)anthracene	[X]	[ ]	[ ]
Benzo(a)pyrene	[X]	[ ]	[ ]
3,4,-Benzofluoranthene	[X]	[ ]	[ ]
Benzo(k)fluoranthene	[X]	[ ]	[ ]
Chrysene	[X]	[ ]	[ ]
Acenaphthylene	[X]	[ ]	[ ]
Anthracene	[X]	[ ]	[ ]
Benzo(ghi)perylene	[X]	[ ]	[ ]
Fluorene	[X]	[ ]	[ ]
Phenanthrene	[X]	[ ]	[ ]
Dibenzo(a,h)anthracene	[X]	[ ]	[ ]

3.4A USEPA PRIORITY POLLUTANT Continued

Chemical Compound	Believed Absent	Believed Present	Known or Suspected Conc. (mg/L)	
Indeno(1,2,3-cd)pyrene	[X]	[ ]	[ ]	
Pyrene	[X]	[ ]	[ ]	
Tetrachloroethylene (Perchlor)	[X]	[ ]	[ ]	
Tolune	[X]	[ ]	[ ]	
Trichloroethylene (Trichloroethene)	[X]	[ ]	[ ]	
Vinyl chloride	[X]	[ ]	[ ]	
Aldrin	[X]	[ ]	[ ]	
alpha-BHC	[X]	[ ]	[ ]	
beta-BHC	[X]	[ ]	[ ]	
gamma-BHC (Lindane)	[X]	[ ]	[ ]	
delta-BHC	[X]	[ ]	[ ]	
4,4-DDT	[X]	[ ]	[ ]	
4,4-DDE	[X]	[ ]	[ ]	
4,4-DDD	[X]	[ ]	[ ]	
Chlordane	[X]	[ ]	[ ]	
Dieldrin	[X]	[ ]	[ ]	
Endosulfan I	[X]	[ ]	[ ]	
Endosulfan II	[X]	[ ]	[ ]	
Endosulfan sulfate	[X]	[ ]	[ ]	
Endrin	[X]	[ ]	[ ]	
Endrin aldehyde	[X]	[ ]	[ ]	
Heptachlor epoxide	[X]	[ ]	[ ]	
Toxaphene	[X]	[ ]	[ ]	
PCB-1016	[X]	[ ]	[ ]	
PCB-1221	[X]	[ ]	[ ]	
PCB-1232	[X]	[ ]	[ ]	
PCB-1242	[X]	[ ]	[ ]	
PCB-1248	[X]	[ ]	[ ]	
PCB-1254	[ ]	E [X]	[0-0.0005]	**Typical GAC performance**
PCB-1260	[X]	[ ]	[ ]	
Antimony(total)	[X]	[ ]	[ ]	
Arsenic(total)	[X]	[ ]	[ ]	
Beryllium(total)	[X]	[ ]	[ ]	
Cadmium(total)	[X]	[ ]	[ ]	
Chromium(total)	[X]	[ ]	[ ]	
Copper(total)	[X]	[ ]	[ ]	
Cyanide(total)	[X]	[ ]	[ ]	
Lead(total)	[X]	[ ]	[ ]	
Mercury(total)	[X]	[ ]	[ ]	

3.4A USEPA PRIORITY POLLUTANT Continued

Chemical Compound	Believed Absent	Known or Believed Present	Suspected Conc. (mg/L)
Nickel(total)	[X]	[ ]	[ ]
Selenium(total)	[X]	[ ]	[ ]
Silver(total)	[X]	[ ]	[ ]
Thallium(total)	[X]	[ ]	[ ]
Zinc(total)	[X]	[ ]	[ ]
2,3,7,8-tetrachloro-dibenzo-p-dioxin	[X]	[ ]	[ ]

3.4B NJDEPE EXPANDED PRIORITY POLLUTANTS Continued

Chemical Compound	Believed Absent	Believed Present	Known or Suspected Conc. (mg/L)
Acrylamide	[X]	[ ]	[ ]
Amitrole	[X]	[ ]	[ ]
Amyl alcohols	[X]	[ ]	[ ]
Aniline hydrochloride	[X]	[ ]	[ ]
Anisole	[X]	[ ]	[ ]
Auramine	[X]	[ ]	[ ]
Benzotrichloride	[X]	[ ]	[ ]
Benzylamine	[X]	[ ]	[ ]
o-Chloroaniline	[X]	[ ]	[ ]
m-Chloroaniline	[X]	[ ]	[ ]
p-Chloroaniline	[X]	[ ]	[ ]
1-Chloro-2-nitrobenzene	[X]	[ ]	[ ]
1-Chloro-4-nitrobenzene	[X]	[ ]	[ ]
Chloroprene	[X]	[ ]	[ ]
Chrysoidine	[X]	[ ]	[ ]
Cumene	[X]	[ ]	[ ]
2,3-Dichloroaniline	[X]	[ ]	[ ]
2,4- Dichloroaniline	[X]	[ ]	[ ]
2,5- Dichloroaniline	[X]	[ ]	[ ]
3,4- Dichloroaniline	[X]	[ ]	[ ]
3,5-Dichloroaniline	[X]	[ ]	[ ]
1,3-Dichloropropene	[X]	[ ]	[ ]
1,3'-Dimethoxybenzidine	[X]	[ ]	[ ]
n,n-Dimethyl aniline	[X]	[ ]	[ ]
3,3'-Dimethyl benzidine	[X]	[ ]	[ ]
1,1-Dimethylhydrazine	[X]	[ ]	[ ]
Dioxane	[X]	[ ]	[ ]
Diphenylamine	[X]	[ ]	[ ]
Ethylenimine	[X]	[ ]	[ ]
Hydrazine	[X]	[ ]	[ ]
4,4'-Methyene bis (2-Chloroaniline)	[X]	[ ]	[ ]
4,4'-Methylenedianiline	[X]	[ ]	[ ]
Methyl isobutyl ketone	[X]	[ ]	[ ]
alpha-Naphthylamine	[X]	[ ]	[ ]
beta-Naphthylamine	[X]	[ ]	[ ]
n-Methylaniline	[X]	[ ]	[ ]
1,2-Phenylenediamine	[X]	[ ]	[ ]
1,3-Phenylenediamine	[X]	[ ]	[ ]
1,4-Phenylenediamine	[X]	[ ]	[ ]

3.4B NJDEPE EXPANDED PRIORITY POLLUTANTS Continued

Chemical Compound	Believed Absent	Believed Present	Known or Suspected Conc. (mg/L)
Sudan I (Solvent yellow 14)	[X]	[ ]	[ ]
Thiourea	[X]	[ ]	[ ]
Toluene sulfonic acids	[X]	[ ]	[ ]
Toluidines	[X]	[ ]	[ ]
Xylidines	[X]	[ ]	[ ]

3.4C USEPA HAZARDOUS SUBSTANCES

Chemical Compound	Believed Absent	Believed Present	Known or Suspected Conc. (mg/L)
Acetaldehyde	[X]	[ ]	[ ]
Allyl alcohol	[X]	[ ]	[ ]
Allyl chloride	[X]	[ ]	[ ]
Amyl acetate	[X]	[ ]	[ ]
Aniline	[X]	[ ]	[ ]
Benzonitrile	[X]	[ ]	[ ]
Benzyl chloride	[X]	[ ]	[ ]
Butyl acetate	[X]	[ ]	[ ]
Butylamine	[X]	[ ]	[ ]
Captan	[X]	[ ]	[ ]
Carbaryl	[X]	[ ]	[ ]
Carbofuran	[X]	[ ]	[ ]
Carbon disulfide	[X]	[ ]	[ ]
Chloropyrifos	[X]	[ ]	[ ]
Coumaphos	[X]	[ ]	[ ]
Cresol	[X]	[ ]	[ ]
Crotonaldehyde	[X]	[ ]	[ ]
Cyclohexane	[X]	[ ]	[ ]
2,4-D (2,4-dichlorophenoxy acetic acid)	[X]	[ ]	[ ]
Diazinon	[X]	[ ]	[ ]
Dicamba	[X]	[ ]	[ ]
Dichlobenil	[X]	[ ]	[ ]
Dichlone	[X]	[ ]	[ ]
2,2-Dichloropropionic acid	[X]	[ ]	[ ]
Dichlorvos	[X]	[ ]	[ ]
Diethyl amine	[X]	[ ]	[ ]
Dimethyl amine	[X]	[ ]	[ ]
Dinitrobenzene	[X]	[ ]	[ ]
Diguat	[X]	[ ]	[ ]
Disulfoton	[X]	[ ]	[ ]
Diuron	[X]	[ ]	[ ]
Epichlorohydrin	[X]	[ ]	[ ]
Ethanolaminie	[X]	[ ]	[ ]
Ethion	[X]	[ ]	[ ]
Ethylene diamine	[X]	[ ]	[ ]
Ethylene dibromide	[X]	[ ]	[ ]
Formaldehyde	[X]	[ ]	[ ]
Furfural	[X]	[ ]	[ ]
Guthion	[X]	[ ]	[ ]
Isoprene	[X]	[ ]	[ ]

3.4C USEPA HAZARDOUS SUBSTANCES Continued

Chemical Compound	Believed Absent	Believed Present	Known or Suspected Conc. (mg/L)
Isopropanolamine	[X]	[ ]	[ ]
Kelthane	[X]	[ ]	[ ]
Kepone	[X]	[ ]	[ ]
Malathion	[X]	[ ]	[ ]
Mercaptodimethur	[X]	[ ]	[ ]
Methoxychlor	[X]	[ ]	[ ]
Methyl mercaptan	[X]	[ ]	[ ]
Methyl methacrylate	[X]	[ ]	[ ]
Methyl parathion	[X]	[ ]	[ ]
Mevinphos	[X]	[ ]	[ ]
Mexacarbate	[X]	[ ]	[ ]
Monoethyl aminie	[X]	[ ]	[ ]
Monomethyl amine	[X]	[ ]	[ ]
Naled	[X]	[ ]	[ ]
Napthenic acid	[X]	[ ]	[ ]
Nitrotoulene	[X]	[ ]	[ ]
Parathion	[X]	[ ]	[ ]
Phenosulfanate	[X]	[ ]	[ ]
Phosgene	[X]	[ ]	[ ]
Propargite	[X]	[ ]	[ ]
Propylene oxide	[X]	[ ]	[ ]
Pyrethrins	[X]	[ ]	[ ]
Quinoline	[X]	[ ]	[ ]
Resorcinol	[X]	[ ]	[ ]
Strontium	[X]	[ ]	[ ]
Strychnine	[X]	[ ]	[ ]
Styrene	[X]	[ ]	[ ]
2,4,5-T (2,4,5-Trichloro-phenoxy acetic acid)	[X]	[ ]	[ ]
TDE (Tetrachloro-diphenylethane)	[X]	[ ]	[ ]
2,4,5-TP [2-(2,4,5-Trichloro-phenoxy) propanoic acid]	[X]	[ ]	[ ]
Trichlorofon	[X]	[ ]	[ ]
Triethylamine	[X]	[ ]	[ ]
Trimethylamine	[X]	[ ]	[ ]
Uranium	[X]	[ ]	[ ]
Vanadium	[X]	[ ]	[ ]
Vinyl acetate	[X]	[ ]	[ ]
Xylene	[X]	[ ]	[ ]
Xylenol	[X]	[ ]	[ ]
Zirconium	[X]	[ ]	[ ]

3.4D MCUA PARAMETERS

Chemical Compound	Believed Absent	Believed Present	Known or Suspected Conc. (mg/L)
Ammonia	[X]	[ ]	[ ]
Aluminum, Total	[X]	[ ]	[ ]
Barium, Total	[X]	[ ]	[ ]
Biological Oxygen Demand	[X]	[ ]	[ ]
Boron, Total	[X]	[ ]	[ ]
Bromide	[X]	[ ]	[ ]
Chemical Oxygen Demand	[X]	[ ]	[ ]
Chlorine, Total Residual	[X]	[ ]	[ ]
Cobalt, Total	[X]	[ ]	[ ]
Color	[X]	[ ]	[ ]
Fluoride	[X]	[ ]	[ ]
Iron, Total	[ ]	E [X]	[0-1]
Magnesium, Total	[X]	[ ]	[ ]
Molybendum, Total	[X]	[ ]	[ ]
Manganese, Total	[X]	[ ]	[ ]
Nitrate-Nitrite (as N)	[X]	[ ]	[ ]
Oil & Grease	[X]	[ ]	[ ]
Petroleum Hydrocarbons	[X]	[ ]	[ ]
pH(in S.U.)	[ ]	E [X]	[7.5]
Phosphorous, Total(as P)	[X]	[ ]	[ ]
Radioactivity	[X]	[ ]	[ ]
Sulfate(as SO4)	[X]	[ ]	[ ]
Sulfide(as S)	[X]	[ ]	[ ]
Sulfite(as SO3)	[X]	[ ]	[ ]
Surfectants	[X]	[ ]	[ ]
Temperature(°C)	[ ]	E [X]	[1--25]
Tin, Total	[X]	[ ]	[ ]
Titanium, Total	[X]	[ ]	[ ]
TKN(as N)	[X]	[ ]	[ ]
Total Organic Carbon	[X]	[ ]	[ ]
Total Dissolved Solids	[ ]	E [X]	[2-300]
Total Suspended Solids	[ ]	E [X]	[0-5]

SECTION 4. SITE PLAN

Please provide a 8 ½ x 11 site plan indicating all activities which make-up the proposed discharge and indicate the proposed connection to the wastewater collection system.

SECTION 5. CERTIFICATION

This is to be signed by an authorized representative of the Applicant/Responsible Party **after** completion and review of the information in this Temporary Discharge Application.

I have personally examined and am familiar with the information submitted in sections1, 2, 3, 4 and all attachments. Based upon my inquiry of those individuals immediately responsible for obtaining the information reported herein, I believe that the submitted information is true, accurate and complete, I am aware that there are significant penalties for submitting false information, including the possibility of fine and/or imprisonment.

Signature of Authorized Representative*

6/30/09
Date

ALFRED R LaGRECA VICE PRES.
Name & Title

Return completed application and all other correspondence to: Middlesex County Utilities Authority, P.O. Box 159, Sayreville, NJ 08872. Attention: Environmental Quality (732)721-3800

*Signatory Requirements For Applicant/Responsible Party

The Temporary Discharge Approval shall be signed as follows:

(1). By a responsible corporate officer, if the Applicant/Responsible Party is a corporation. For the purpose of this paragraph, a responsible corporate officer means (i) a president, secretary, treasurer, or vice-president of the corporation in charge of a principle business function, or any other person who performs similar policy- or decision-making functions for the corporation, or (ii) the manager of one or more manufacturing, production, or operation facilities employing more than 250 persons or having gross annual sales or expenditures exceeding $25 million (in second-quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

(2). By a general partner or proprietor if the Applicant/Responsible Party is a partnership or sole proprietorship respectively.

(3). By a duly authorized representative of the individual designated in paragraph (l)(1) or (l)(2) of this section if:

(i). The authorization is made in writing by the individual described in paragraph (l)(1) or (l)(2);

(ii). the authorization specifies either an individual or a position having responsibility for the overall operation of the facility from which the discharge originates, such as the position of plant manager, operator of a well, or well field superintendent, or a position of equivalent responsibility, or having overall responsibility for environmental matters for the company; and

(iii). the written authorization is submitted to the Middlesex County Utilities Authority.

(4). If an authorization under paragraph (l)(3) of this section is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, or overall responsibility for environmental matters for the company, a new authorization satisfying the requirements of paragraph (l)(3) of this section must be submitted to the Middlesex County Utilities Authority prior to or together with any reports to be signed by an authorized representative.

Description of Temporary Wastewater Treatment Facility

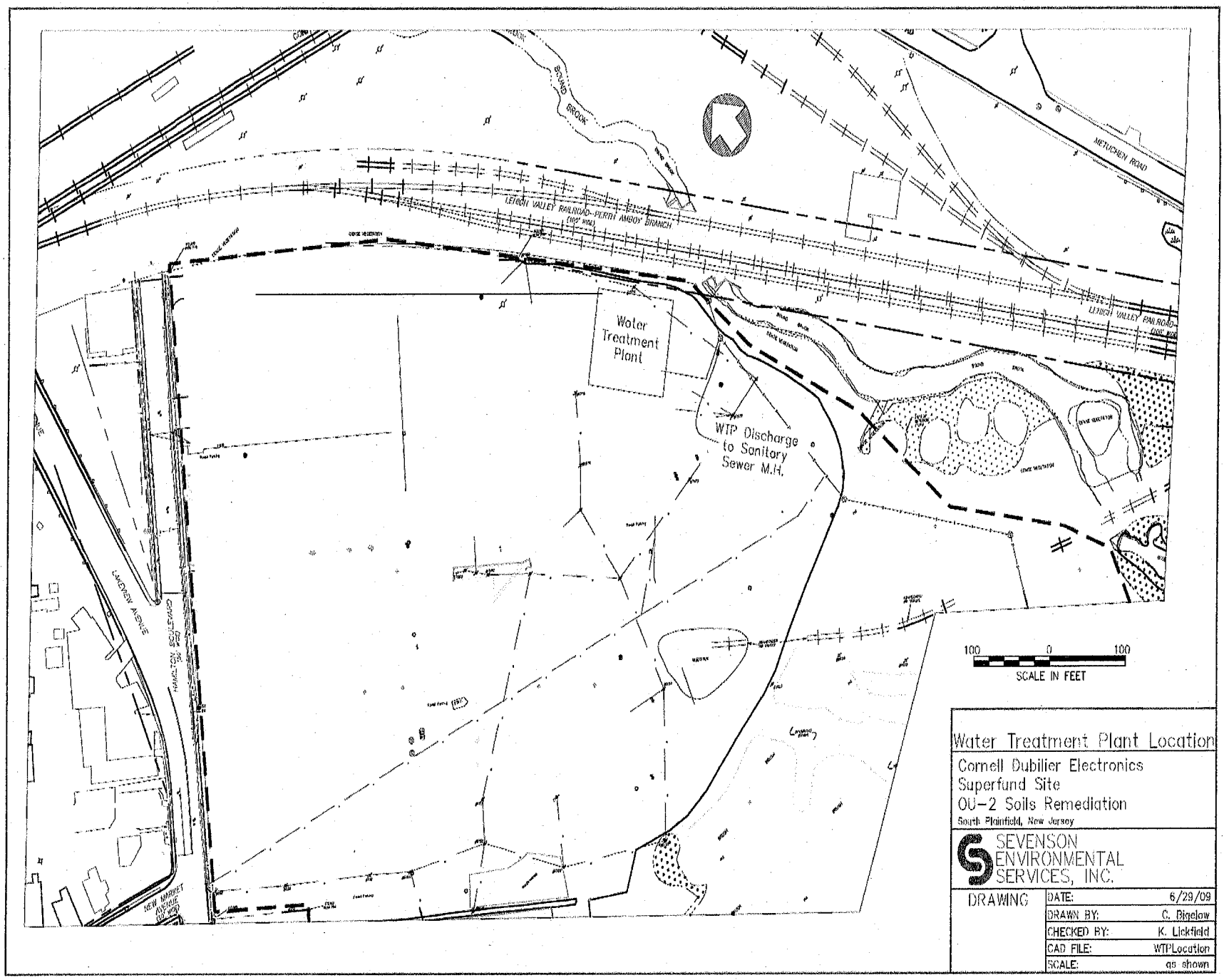
Sevenson's Temporary Wastewater Treatment Facility (WTF) will be designed to handle a maximum flow of 100 gpm of wastewater during initial pumping and excavation operations. The water treatment system will be designed and stamped by a professional engineer, registered in the State of New Jersey. This engineer was also responsible for the water treatment design for the completed Federal Creosote project, and for the ongoing Welsbach/GGM project, both in New Jersey.

The WTF will be designed to remove the contaminants from the excavation. The expected contaminants are a mixture of polychlorinated biphenyls (PCBs), volatile organic compounds (VOCs) and total suspended solids (TSS). The process flow train will provide for variation in flow and pollutant concentrations, as well as for related pollutants that may be present.

It is anticipated that the plant processes will include:

- Influent equalization tanks
- Influent pumping
- Polymer addition
- Flocculation/sedimentation
- Two-stage bag filters (10→5 microns) for suspended solids removal
- Two granular activated-carbon vessels in series, with a total of 18 minutes of empty-bed-contact time for maximum removal of PCBs
- Effluent equalization/backwash tank
- Effluent/backwash pumps for GAC backwash and effluent discharge
- Two secondary bag filters (1-micron) in parallel to capture any carbon fines containing PCBs that may escape the carbon vessels.
- Effluent flow meter/totalizer prior to discharge to the MCUA system.

It is anticipated that rubber hose will be used for major process piping. In general the process piping will be 3-inch diameter. The backwash and spent backwash piping will be 4 inches in diameter. Valves will be ductile-iron. Gate valves will be used for isolation valves. Butterfly valves will be used for throttling pump flows.



Water Treatment Plant Location

Cornell Dubilier Electronics
Superfund Site
OU-2 Soils Remediation
South Plainfield, New Jersey

SEVENSON ENVIRONMENTAL SERVICES, INC.

DRAWING		
	DATE:	6/29/09
	DRAWN BY:	C. Bigelow
	CHECKED BY:	K. Lickfield
	CAD FILE:	WTPLocation
	SCALE:	as shown

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE

(Read instructions on the reverse side prior to initiating this form)

DATE	TRANSMITTAL NO.
08/25/2009	02630-231

SECTION I - REQUEST FOR APPROVAL OF THE FOLLOWING ITEMS (This section will be initiated by the contractor)

TO:	FROM:	CONTRACT NO.	CHECK ONE:
Environmental Residency US Army Corps of Engineers 214 State Highway 18 East Brunswick, NJ 08816	Sevenson Environmental Services Inc. 2749 Lockport Road Niagara Falls, NY 14305	W912DQ-04-D-0023 0011	[X] THIS IS A NEW TRANSMITTAL [ ] THIS IS A RESUBMITTAL OF TRANSMITTAL _____

SPECIFICATION SEC. NO. (Cover only one section with each transmittal)	PROJECT TITLE AND LOCATION	CHECK ONE: THIS TRANSMITTAL IS
02630	01-Main Register Cornell Dubilier OU2 Soils (LTTD) 333 Hamilton Boulevard, SP, NJ 07080	FOR [X] FIO [ ] GA [ ] DA [ ] CR

ITEM NO. a.	DESCRIPTION OF ITEM SUBMITTED (Type size, model number/etc.) b.	MFG OR CONTR. CAT., CURVE DRAWING OR BROCHURE NO. (See instruction no. 8) c.	NO. OF COPIES d.	CONTRACT REFERENCE DOCUMENT SPEC. PARA. NO. e.	CONTRACT REFERENCE DOCUMENT DRAWING SHEET NO. f.	FOR CONTRACTOR USE CODE g.	VARIATION (See Instruction No. 6) h.	FOR CE USE CODE i.
2	MCUA - Temporary Discharge Permit	RECORDS	6	1.2		A	N	

REMARKS

I certify that the above submitted items have been reviewed in detail and are correct and in the strict conformance with the contract drawings and specifications except as otherwise stated.

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED (List by item No.)	NAME, TITLE AND SIGNATURE OF APPROVING AUTHORITY	DATE

MIDDLESEX COUNTY UTILITIES AUTHORITY

MAIN OFFICES:
2571 MAIN STREET • P.O. BOX 159 • SAYREVILLE, NJ 08872-0159
(732) 721-3800 FAX: (732) 721-0206

MIDDLESEX COUNTY LANDFILL OFFICE:
53 EDGEBORO ROAD • EAST BRUNSWICK, NJ 08816-1636
(732) 246-4313 FAX: (732) 246-8846

RICHARD L. FITAMANT, EXECUTIVE DIRECTOR
MARGARET M. BRENNAN, COMPTROLLER
DONATO J. TANZI, WASTEWATER DIVISION
PAUL T. CLARK, SOLID WASTE DIVISION
JOHN A. HILA, ESQ., COUNSEL

REPLY TO:
☑ SAYREVILLE
☐ EAST BRUNSWICK

August 13, 2009

Kim W. Lickfield
Project Manager
Sevenson Environmental Services, Inc.
2749 Lockport Road
Niagara Falls, NY 14305

Re: **Cornell Dubilier Electronics Superfund Site**
333 Hamilton Blvd.
South Plainfield, NJ
Approval No: 06-09

Dear Mr. Lickfield,

Please find enclosed the Temporary Discharge Approval (TDA) for the referenced facility that has been prepared by the MCUA staff based upon the information in the TDA application dated July 1, 2009. The TDA shall be signed by the Applicant/Responsible Party and the appropriate wastewater conveyance entities and returned to the MCUA prior to the effective date of the TDA. Failure to return the fully executed TDA to the MCUA prior to the effective date may subject the applicant to enforcement proceedings for an unauthorized discharge to the MCUA Central Treatment Plant and its appurtenances pursuant to the provisions of the MCUA Rules and Regulations.

The enclosed Temporary Discharge Approval is issued for a five-month period. If the Applicant wishes to renew the TDA, a TDA renewal application shall be submitted to the MCUA prior to the expiration date set forth in the enclosed TDA. Be advised the Applicant may be subject to enforcement proceedings if the discharge continues past the expiration date of the TDA.

It is requested that all correspondences regarding this TDA reference the Approval Number reference above. If you have any questions regarding this matter, please contact me at (732) 721-3800.

Very truly yours,

Kevin T. Aiello
Administrator
Environmental Quality

Cc: Richard L. Fitamant, Executive Director, MCUA
Donato J. Tanzi, Wastewater Division Manager/Chief Engineer, MCUA
I:\TDA\2009\06.09.doc

APPROVAL NO: 06-09

MIDDLESEX COUNTY UTILITIES AUTHORITY

TEMPORARY DISCHARGE APPROVAL

APPLICANT:	**LOCATION:**
Sevenson Environmental Services	Cornell Dubilier Electronics
2749 Lockport Road	333 Hamilton Blvd.
Niagara Falls, NY 14305	South Plainfield, NJ
EFFECTIVE DATE:	**EXPIRATION DATE:**
September 1, 2009	January 31, 2009

DESCRIPTION:

To operate a temporary water treatment facility to treat groundwater accumulated from the Superfund site activities and discharge to the MCUA via the Borough of South Plainfield and the Plainfield Area Regional Sewerage Authority wastewater collection systems.

I CONDITIONS

A. The approval is specific to the temporary discharge requested by Sevenson Environmental Services, Inc. (Applicant) in its correspondence of July 1, 2009 for the location cited above.

B. No discharge shall occur until all approvals and signatures in Section III of this Temporary Discharge Approval are obtained. A copy of the full executed Temporary Discharge Approval shall be forwarded to the MCUA prior to discharge. The effective date of this Temporary Discharge Approval is valid provided all required signatures are obtained prior to the effective date set forth above. If signatures are obtained after the effective date set forth above, the effective date of the Temporary Discharge Approval will be the date of the last signature obtained in Section III of this Temporary Discharge Approval.

C. The discharge rate shall be at a rate not to exceed 85 gpm and the total flow per day shall not exceed 40,000 gallons. The total volume of groundwater discharged over the term of this Temporary Discharge Approval shall not exceed 21,800,000 gallons.

D. MCUA reserves the right to modify the monitoring frequencies and discharge limitations set forth herein when necessary; to protect its collection system and/or treatment system, the public health and welfare or the environment; to satisfy any federal or state law, rule or regulation or any amendment thereof or supplement thereto or for other reasons as set forth in Section 5.17 or MCUA's Rules and Regulations. No discharge shall occur during storm events, if specifically requested by MCUA prior to, or during such an event.

E. The constituent concentrations of the discharge shall be below the discharge limitations set forth in Exhibit A and Section 3 of the MCUA Rules and Regulations attached hereto as Exhibit B. Furthermore, any and all applicable requirements of the MCUA Rules and Regulations apply to this discharge. The MCUA Rules and Regulations maybe obtained at:
http://www.mcua.com/documents/rules/MCUARulesandRegulations

F. If necessary, the discharge shall be treated prior to discharge to assure compliance with the discharge limitations setforth in Exhibit A and B.

G. The Applicant shall sample the discharge for all parameters at the frequencies set forth in Exhibit A at the location indicated (DSN001) in Exhibit C. The samples shall be submitted to and analyzed by a NJDEP Certified Laboratory. The Applicant may request modifications to the monitoring frequencies, provided adequate monitoring and/or historical data is submitted to the MCUA demonstrating that all discharge limitations set forth in the Temporary Discharge Approval have been consistently met or the parameter is not present. No modification of the Temporary Discharge Approval shall be effective until such time written approval is issued by the MCUA.

H. The Applicant shall, to the maximum extent permitted by applicable law, hold and save MCUA, and any third parties to which MCUA may be liable, harmless of and from any and all injury and damage suffered, as a result of any discharge from the Applicant which does not comply with the discharge limitations set forth herein and/or any discharge limitations with which the Applicant must comply by law.

I. The Applicant shall notify the MCUA forty-eight (48) hours prior to the start of the discharge and twenty-four (24) hours prior to the termination of the discharge permitted by this Temporary Discharge Approval.

J. MCUA reserves the right to TERMINATE the discharge in the event (a) the Applicant fails to comply with the stipulations setforth herein to discharge to the sanitary sewer and/or (b) the discharge poses a threat to MCUA's collection and/or treatment system, the public health and welfare and/or the environment. Or other reasons as set forth in Section 5.19 of the MCUA's Rules & Regulations. MCUA shall endeavor to provide the Applicant such prior notice of termination as may be reasonable under all of the circumstances then pertaining at the time MCUA determines that the discharge should be terminated.

K. MCUA reserves the right to sample and analyze the discharge at any time and the costs for sampling and analysis will be charged to and paid by the Applicant. In accordance with Section 14 of the MCUA's Rules & Regulations.

L. From the effective date of this Temporary Discharge Approval the Applicant shall submit to the MCUA a monitoring and flow data report on a monthly basis postmarked no later than the 25th day of the month following the completed reporting period and which must be received by the Authority no later then the 1st day of the following month. For example, the report for the month of January should be postmarked no later than February 25th and is due on March 1st. *All monitoring and flow data shall be submitted to the MCUA on the Self Monitoring Report (SMR) forms attached hereto as Exhibit D or electronically via the MCUA Web site. (www.mcua.com).*

Please be advised, SMR's shall be submitted each month identifying the quantity and quality of the discharge or no discharge (NODI) for the reporting period.

M. Nothing in this approval shall be construed to relieve the Applicant from civil or criminal penalties for non-compliance with this approval or from any responsibilities, liabilities, or penalties established pursuant to Section 10 of the MCUA Rules & Regulations and applicable federal, state or local law or regulation. Nothing in this approval shall preclude or limit the MCUA from taking any legal or administrative action against the Applicant for any violation of this approval or the MCUA Rules & Regulations or any applicable federal, state or local law or regulation.

II FEE:

The Applicant shall pay to the MCUA a Temporary Discharge Connection Fee for discharging groundwater generated from the remediation activities at the applicants site, designated in this approval, into the MCUA wastewater facilities. The MCUA shall invoice the applicant quarterly based on the flows submitted by the applicant in its monitoring report submittals required pursuant to Section L of this approval. The applicant shall pay the invoice within thirty days of receipt. For this approval the fee shall be assessed at $10,676.61 per million gallons in accordance with Section 14.2 of the MCUA's Rules and Regulations. Failure to pay the invoiced fee by the applicant will terminate this Temporary Discharge Approval and the MCUA will initiate enforcement action against the applicant for an unauthorized discharge pursuant to Section 10 of the MCUA Rules and Regulations.

Any modifications to the flow monitoring equipment shall receive written approval from the MCUA.

III APPROVALS:

A. MCUA

The MCUA has no objection to this temporary discharge provided all conditions of this Temporary Discharge Approval are complied with and satisfied.

8/12/09

AUTHORIZED REP. **DATE**
KEVIN T. AIELLO
ADMINSTRATOR ENVIRONMENTAL QUALITY

B. OWNER OF WASTEWATER CONVEYANCE SYSTEM

The Borough of South Plainfield has no objection to this temporary discharge provided all conditions of this approval are complied with and, if applicable, the additional conditions set forth hereto as Exhibit E*of the approval. Furthermore, the Borough of South Plainfield hereby certifies that to the best of its knowledge the wastewater conveyance system, into which this temporary discharge will connect, has adequate capacity to accept such discharge and we are not aware of inadequate conveyance capacity conditions in any portion of the downstream facilities necessary to convey the discharge to the MCUA.

8/20/09

AUTHORIZED REPRESENTATIVE **DATE**

NAME: Glenn F. Cullen
TITLE: Administrator/CFO

* Additional conditions requested by the owner of wastewater conveyance system shall be setforth in this approval as attached hereto as Exhibit E.

The Plainfield Area Regional Sewerage Authority has no objection to this temporary discharge provided all conditions of this approval are complied with and, if applicable, the additional conditions set forth hereto as Exhibit E*of the approval. Furthermore, the Plainfield Area Regional Sewerage Authority hereby certifies that to the best of its knowledge the wastewater conveyance system, into which this temporary discharge will connect, has adequate capacity to accept such discharge and we are not aware of inadequate conveyance capacity conditions in any portion of the downstream facilities necessary to convey the discharge to the MCUA.

8-25-2009

AUTHORIZED REPRESENTATIVE **DATE**

NAME: Robert A. Villee
TITLE: Executive Director

*Additional conditions requested by the owner of wastewater conveyance system shall be setforth in this approval as attached hereto as Exhibit E.

C. ACCEPTANCE OF CONDITIONS BY THE APPLICANT/RESPONSIBLE PARTY

The Applicant concurs with all the conditions setforth in this Temporary Discharge Approval.

AUTHORIZED REPRESENTATIVE* 8/19/09 DATE

NAME: ALFRED R LAGRECA
TITLE: CORPORATE PROJECT MANAGER

*Definition of Authorization rep: 40 CFR Part 403.12(l)

Exhibit A
Middlesex County Utilities Authority
Monitoring Requirements and Discharge Limitations

Applicant: Sevenson Environmental Services
Effective Date: September 1, 2009 TDA No. 06-09
Expiration Date: January 31, 2010

Parameter[1]	Daily Maximum	Monthly Average	Monitoring Frequency	Sampling Type	Reporting Frequency
Arsenic (Total)	3.000	1.000	Monthly[5]	Composite	Monthly
Cadmium (Total)	0.690	0.260	Monthly[5]	Composite	Monthly
Chromium (Total)	0.230	0.120	Monthly[5]	Composite	Monthly
Copper (Total)	1.100	0.360	Monthly[5]	Composite	Monthly
Lead (Total)	0.600	0.400	Monthly[5]	Composite	Monthly
Mercury (Total)	0.110	0.048	Monthly[5]	Composite	Monthly
Nickel (Total)	0.360	0.170	Monthly[5]	Composite	Monthly
Silver (Total)	0.430	0.240	Monthly[5]	Composite	Monthly
Zinc (Total)	2.200	0.660	Monthly[5]	Composite	Monthly
Total Toxic Organic[2]	2.130	N/L[3]			
Volatile Compounds			Monthly[5]	Grab	Monthly
Base/Neutral Compounds			Monthly[5]	Composite	Monthly
Acid Extractable Compound			Monthly[5]	Composite	Monthly
Pesticides	BMDL[4]	BMDL	Monthly[5]	Composite	Monthly
PCB's	0.003	N/L	Monthly[5]	Composite	Monthly
pH (Standard Units)	5.0 < 10.0		Monthly[5]	Grab	Monthly
Total Petroleum Hydrocarbons	100.000	N/L	Monthly[5]	Grab	Monthly
Flow (Total Gallons)	Not to exceed	21.8 MG	Continuous	Continuous	Monthly
Flow (GPD)	40,000		Continuous	Continuous	Monthly
Flow (GPM)	85		Continuous	Continuous	Monthly

[1] All units in mg/l, unless otherwise noted
[2] Total Toxic Organic are defined in Attachment 1-A
[3] N/L No Limitations Establised At this Time
[4] MDL: Below Minimum Detection Limit
[5] Monitor each discharge event for five months. Applicant may request a reduction in monitoring frequencies pursuant to Item G of this TDA

ATTACHMENT 1-A

TOTAL TOXIC ORGANICS

The Term "TTO" shall mean Total Toxic Organics, which is the summation of all quantifiable values greater than 0.01 milligrams per liter(10 ppb) for the following toxic organics:

Base/Neutrals Organics

Acenaphthene
Acenaphthylene
Anthracene
Benzidine
Benzo(a)anthracene
Benzo(a)pyrene
Benzo(ghi)perylene
Benzo(k)fluoranthene
3,4,-Benzofluoranthene
Bis(2-chloroethoxy)methane
Bis(2-chloroethyl)ether
Bis(2-chloroisopropyl)ether
Bis(2-ethylhexyl)phthalate
4-Bromophenyl phenyl ether
Butyl benzyl phthalate
2-Chloronaphthalene
4-Chorophenyl phenyl ether
Chrysene
Di-n-butyl phthalate
Di-n-octyl phthalate
Dibenzo(a,h)anthracene
1,2-Dichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
1,2,4-Trichlrobenzene
Diethyl phthalate
Dimethyl phthalate
2,4-Dinitrotoluene
2,6-Dinitrotoluene
1,2-Diphenylhyrazine
Fluoranthene
Fluorene
Hexachlorobenzene
Hexachlorobutadiene
Hexachlorocyclopentadiene
Hexachloroethane
Indeno(1,2,3-cd)pyrene
Isophorone
Naphthalene
Nitrobenzene
N-nitrosodi-n-propylamine
N-nitrosodimethylamine
N-nitrosodiphenylamine
Phenathrene
Pyrene
3,3-dichlorobenzidine
2,3,7,8-tetrachloro-dibenzo-p-dioxin

Acid Extractables

2-Chlorophenol
2,4-Dichlorophenol
2,4-Dimethylphenol
4,6-Dinitro-o-cresol
2,4-Dinitrophenol
2-Nitrophenol
4-Nitrophenol
p-Chloro-m-cresol
Pentachlorophenol
Phenol
2,4,6-Trichlorophenol

Pesticides/PCBs

Aldrin
alpha-BHC
beta-BHC
gamma-BHC (Lindane)
delta-BHC
Chlordane
4,4'-DDD
4,4'-DDE
4,4'-DDT
Dieldrin
alpha-Endosulfan
beta-Endosulfan
Endosulfan sulfate
Endrin
Endrin aldehyde
Heptachlor
Heptachlor epoxide
Toxaphene
PCB-1016
PCB-1221
PCB-1232
PCB-1242
PCB-1248
PCB-1254
PCB-1260

Volatile

Acrolein
Acrylonitrile
Benzene
Bis(chloromethyl) ether
Bromoform
Carbon tetrachloride
Chlorobenzene
Chlorodibromomethane
Chloroethane
2-Chloroethyl vinyl Ether
Chloroform
Dichlorobromomethane
Dichlorodifluoromethane
1,1-Dichloroethane
1,2-Dichloroethane
1,1-Dichloroethylene
1,2-Dichloropropane
1,3-Dichloropropylene
Ethylbenzene
Methyl bromide
Methyl chloride
Methylene chloride
1,1,2,2-Tetrachloroethane
Tetrachloroethylene
Toluene
1,2,-trans-Dichloroethylene
1,1,1-Trichloroethane
1,1,2-Trichloroethane
Trichloroethylene
Trichlorofluromethane
Vinyl Chloride
Xylene

SECTION 3 - GENERAL SEWER USE REQUIREMENTS

3.1 Prohibited Discharge Standards

(A) General Prohibitions.

(1) No user shall introduce or cause to be introduced into the MCUA any pollutant or wastewater which cause a violation of any regulatory permits (i.e., Federal, State, and/or Local) issued to the MCUA; or causes interference, pass through or upset; or pose a threat to human health and safety; or causes damage to the MCUA's treatment works. These general prohibitions and the specific prohibitions in paragraph (B) of this section apply to all users of the MCUA whether or not they are subject to categorical pretreatment standards or any other National, State, or local pretreatment standards or requirements. A violation under this section is non-minor and, therefore, not subject to a grace period.

(2) Pollutants, substances, or wastewater prohibited by this section shall not be processed or stored in such a manner that they could be discharged to the MCUA. A violation under this section is non-minor and, therefore, not subject to a grace period.

(B) Specific Prohibitions. A violation under this section is non-minor and, therefore, not subject to a grace period. No user shall introduce or cause to be introduced into the POTW the following pollutants, substances, and/or wastewater:

(1) Wastewater of such a nature and in such a quantity as to impair the hydraulic capacity of the POTW;

(2) Pollutants of such a nature as to, by either chemical or mechanical action, impair the strength or the durability of the sewer structures, normal

(3) Pollutants which creates a fire or explosive hazard in the POTW, including, but not limited to, wastestreams with a closed-cup flashpoint of less than 140°F (60°C) using the test methods specified in 40 CFR 261.21;

(4) Solid or viscous substances in amounts which will cause obstruction of the flow in the POTW resulting in interference;

(5) Pollutants which will cause corrosive structural damage to the POTW, and the discharge pH shall be equal to or greater than 5.0, and less than 12.5. However, in the case of continuous pH monitoring, the compliance level shall be 99% with an absolute minimum of 4.0 and an absolute maximum of 12.5;

(6) Wastewater which includes any radioactive substance, unless the MCUA shall have given written consent to its inclusion; but in no case, a radioactive discharge which does not comply with Federal Regulations (10 CFR Part 20 et.seq.) and/or State Regulations (N.J.A.C. 7:28-1.1 et.seq.);

(7) Wastewater which includes any garbage or ground garbage other than that received directly into public sewers from residences, unless the MCUA shall have given written consent to its inclusion;

(8) Wastewater which contains any unpolluted waters that may be discharged to a separate storm sewer, which includes, but is not limited to storm water and or non-contact cooling water, unless the MCUA shall have given written consent to its inclusion;

(9) Wastewater which contains heat in amounts which will inhibit biological activity in the sewage treatment plant resulting in Interference, but in no case heat in such quantities that the temperature at the sewage treatment plant exceeds 40°C (104°F);

(10) Wastewater which has a monthly average concentration higher than 100 mg/l of petroleum oil, non-biodegradable cutting oils, or product of mineral oil origin, unless the MCUA shall have given written consent to its inclusion; but in no case, a daily maximum concentration greater than 150 mg/l;

(11) Pollutants, including oxygen demanding pollutants (BOD, etc.) released in a Discharge at a flow rate and/or pollutant concentration which, either singly or by interaction with other pollutants, will cause interference, pass through, or upset with the sewage treatment plant;

(12) Substances which are not amenable to treatment or reduction by the sewage treatment processes employed, or are amenable to treatment only to such a degree that the sewage treatment plant effluent cannot meet the requirements of the regulatory agencies having jurisdiction over discharge to the receiving waters, emissions of pollutants to the air or result in concentrations in the sludge produced at the sewage treatment plant which do not meet the requirements of the regulatory agencies or of the sludge management process being used;

(13) Pollutants which, either alone or by interaction with other wastes, are malodorous, are capable of creating a public nuisance or hazard to life or health, or are present in sufficient concentrations to prevent entry into the Trunk System for its maintenance and repair, or result in the presence of toxic gases, vapors, or fumes within the MCUA's treatment works in a quantity that may cause acute health and safety problems;

(14) Wastewater which contains heavy metals, toxic materials or any other materials which in concentrations discharged into the Sanitary Sewer or Trunk Sewer will have a deleterious effect on the wastewater treatment process, sludge processing, the plant effluent, air emissions or the sludge produced.

(15) Any trucked or hauled pollutants, except at discharge points designated by the MCUA;

(16) Medical wastes, except as specifically authorized by the MCUA;

(17) Sludges, screenings, or other residues from the pretreatment of industrial wastes;

(C) When Specific Limits Must Be Developed.

(1) The MCUA shall develop and enforce specific limits to implement the prohibitions listed in paragraphs 3.1(A) and (B) of this section. The MCUA shall develop these limits as necessary and effectively enforce such limits.

(2) Specific effluent limits shall not be developed and enforced without individual notice to persons or groups who have requested such notice and an opportunity to respond.

(D) Local Limits. The MCUA reserves the right to develop specific prohibitions or limits on pollutants or pollutant parameters in accordance with paragraph (C) above, such limits shall be deemed Pretreatment Standards for the purposes of section 307(d) of the Act. A violation under this section is non-minor and, therefore, not subject to a grace period.

3.2 General Pretreatment Standards

40 CFR 403.1 et. seq. is hereby incorporated by reference, including all supplements and amendments thereto. A violation under this section is non-minor and, therefore, not subject to a grace period.

3.3 National Categorical Pretreatment Standards

40 CFR 403 et. seq. is hereby incorporated by reference, including all supplements and amendments thereto. Upon the effective date of the National Categorical Pretreatment Standard for a particular industrial subcategory, the Federal Standard, if more stringent than limitations imposed under these Rules and Regulations for sources in that subcategory, shall immediately supersede the limitations imposed under these Rules and Regulations and affected Industrial Users shall comply with such standards within the stated deadlines. The MCUA shall notify affected industrial users of their applicable reporting requirements. A violation under this section is non-minor and, therefore, not subject to a grace period.

3.4 State Requirements

State requirements and limitation on discharges shall apply in any case where they are more stringent than Federal requirements and limitations or those in these Rules and Regulations. A violation under this section is non-minor and, therefore, not subject to a grace period.

3.5 Local Limits

[RESERVED]

3.6 MCUA's Right of Revision

The MCUA reserves the right to establish, by Rules and Regulations or in Non-Domestic Wastewater Discharge Permits or Discharge Approvals, more stringent limitations or requirements on discharges to the sanitary sewer.

3.7 Dilution

No user shall ever increase the use of process water, or in any way attempt to dilute a discharge, as a partial or complete substitute for adequate treatment to achieve compliance with the limitations contained in the Federal Categorical Pretreatment Standards, or in any other pollutant-specific limitation developed by the MCUA or State. A violation under this section is non-minor and, therefore, not subject to a grace period.

3.8 Removal Credit

The MCUA reserves the right at its discretion to issue Pretreatment Removal Credits in accordance with 40 CFR 403.7. Any costs associated with determination of Pretreatment Removal Credits for any priority pollutant shall be borne by the user requesting said credit.

3.9 Net/Gross Calculation

Pursuant to 40 CFR Part 403.15, Categorical Pretreatment Standards may be adjusted to reflect the presence of pollutants in the Industrial User's intake water in accordance with this section.

(A) Application.

Any Industrial User wishing to obtain credit for intake pollutants must make application to the MCUA. Upon request of the Industrial User, the applicable Standard will be calculated on a "net" basis (i.e., adjusted to reflect credit for pollutants in the intake water) if the requirements of paragraphs (b) and (c) of this section are met.

(B) Criteria.

(1) The Industrial User must demonstrate that the control system it proposes or uses to meet applicable categorical Pretreatment Standards would, if properly installed and operated, meet the Standards in the absence of pollutants in the intake waters.

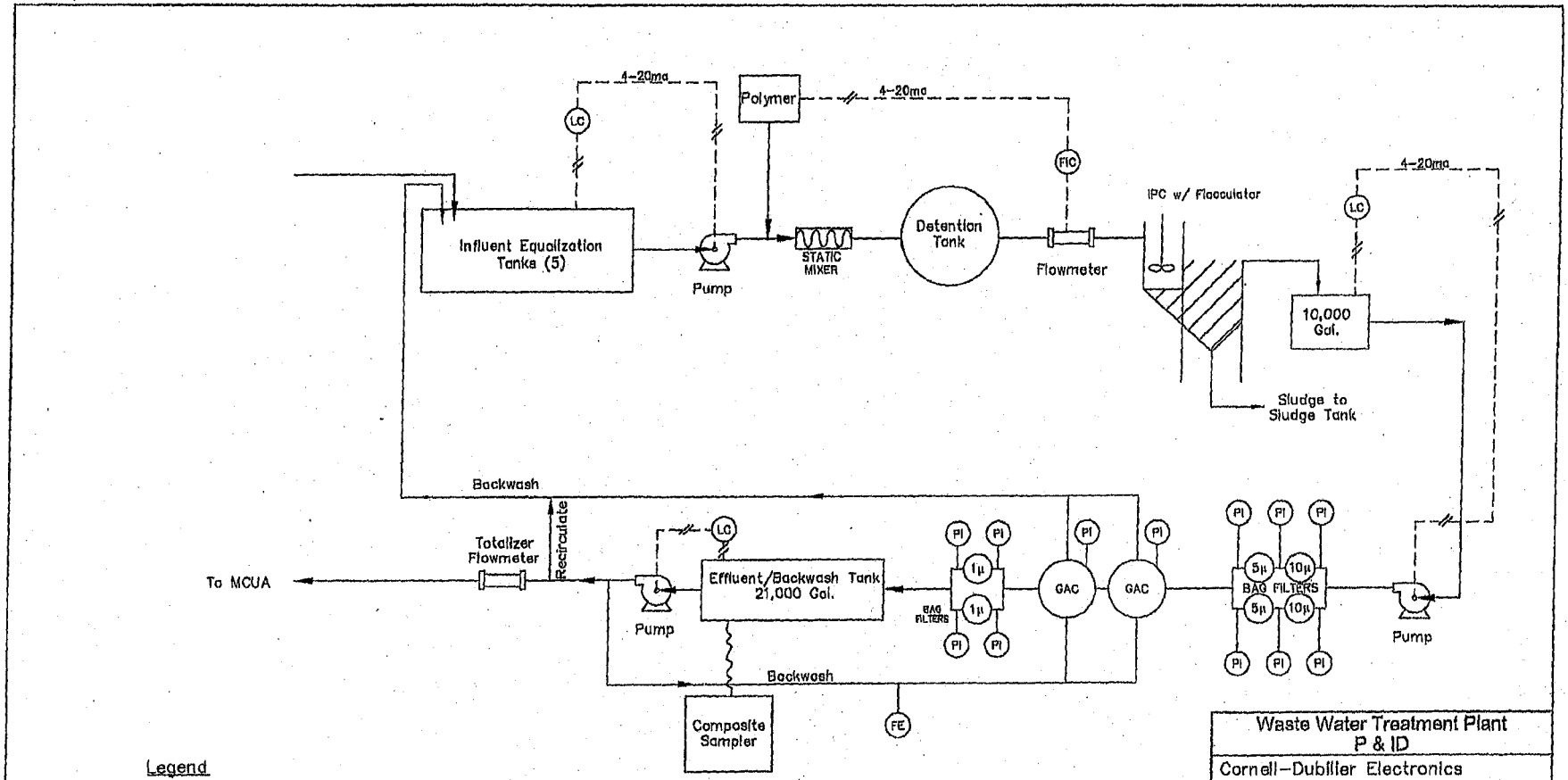
(2) Credit for generic pollutants such as biochemical oxygen demand (BOD), total suspended solids (TSS), oil and grease should not be granted unless the Industrial User demonstrates that the constituents of the generic measure in the User's effluent are substantially similar to the constituents of the generic measure in the intake water or unless appropriate additional limits are placed on process water pollutants either at the outfall or elsewhere.

(3) Credit shall be granted only to the extent necessary to meet the applicable categorical Pretreatment Standard(s), up to a maximum value equal to the influent value. Additional monitoring may be necessary to determine eligibility for credits and compliance with Standard(s) adjusted under this section.

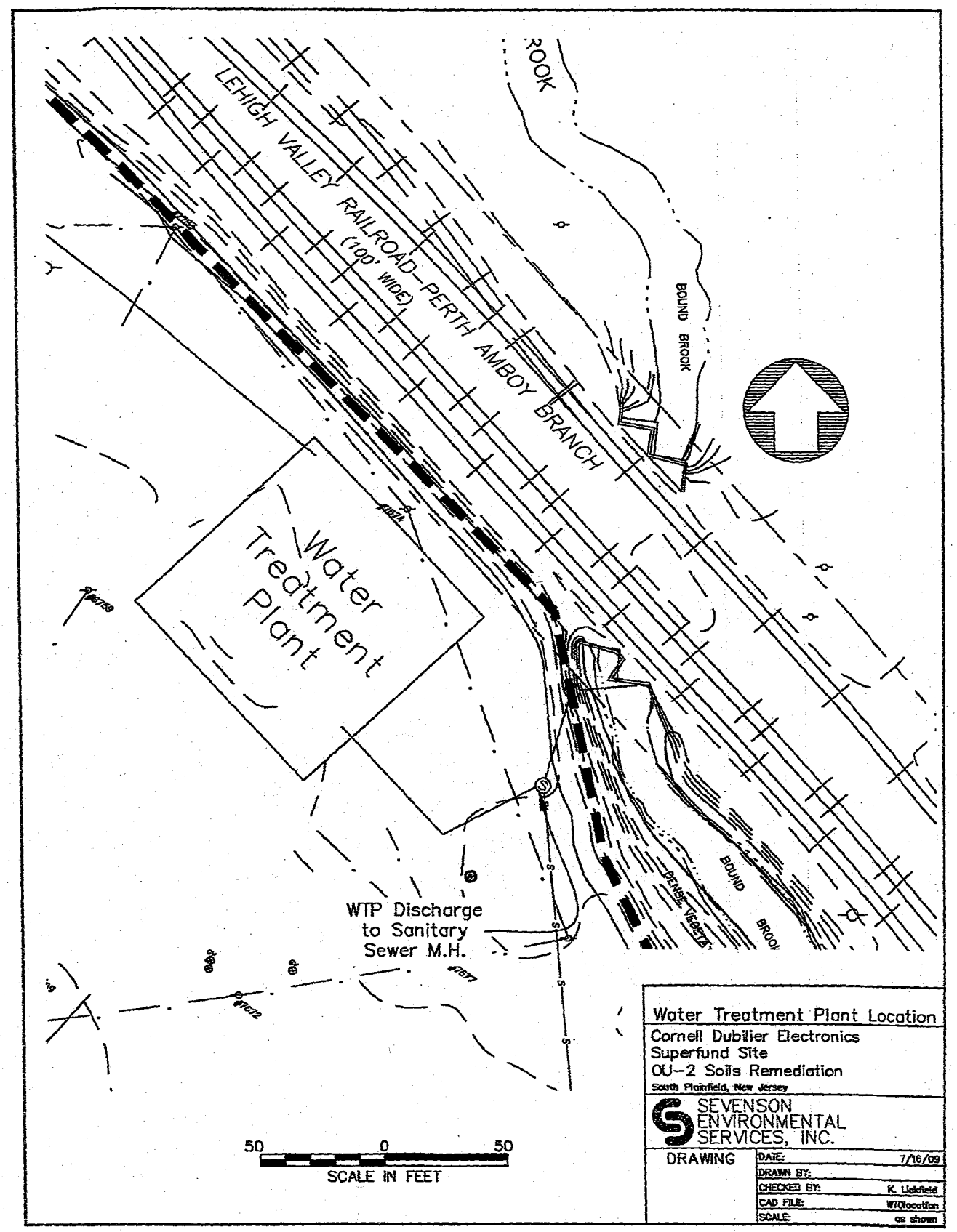
(4) Credit shall be granted only if the User demonstrates that the intake water is drawn from the same body of water as that into which the MCUA discharges. The MCUA may waive this requirement if it finds that no environmental degradation will result.

(C) Applicability.

The applicable Categorical Pretreatment Standards contained in 40 CFR Subchapter N specifically provide that they shall be applied on a net basis.


4-20ma
LC
Polymer
4-20ma
FIC
Influent Equalization Tanks (5)
Pump
STATIC MIXER
Detention Tank
Flowmeter
IPC w/ Flocculator
4-20ma
LC
10,000 Gal.
Sludge to Sludge Tank
Backwash
Recirculate
Totalizer Flowmeter
To MCUA
LC
Effluent/Backwash Tank 21,000 Gal.
Pump
PI
1µ
BAG FILTERS
GAC
GAC
5µ
10µ
BAG FILTERS
Pump
Backwash
Composite Sampler
FE
Legend
LC – Level Controller
PI – Pressure Indicator
FIC – Flow Indicating Controller
FE – Flow Element
Waste Water Treatment Plant
P & ID
Cornell–Dubilier Electronics
Superfund Site
OU–2 Soils Remediation
South Plainfield, New Jersey
SEVENSON ENVIRONMENTAL SERVICES, INC.
DRAWING
DATE: 7/16/09
DRAWN BY: C. Bigelow
CHECKED BY: M. Walker/ T. Driscoll
CAD FILE: wwtp-P&ID
SCALE: none

DSN001


ROOK
LEHIGH VALLEY RAILROAD-PERTH AMBOY BRANCH
(100' WIDE)
BOUND BROOK
Water Treatment Plant
WTP Discharge to Sanitary Sewer M.H.
BOUND BROOK
50 0 50
SCALE IN FEET
Water Treatment Plant Location
Cornell Dubilier Electronics
Superfund Site
OU-2 Soils Remediation
South Plainfield, New Jersey
SEVENSON ENVIRONMENTAL SERVICES, INC.
DRAWING
DATE: 7/16/09
DRAWN BY:
CHECKED BY: K. Lickfield
CAD FILE: WTOlocation
SCALE: as shown

MIDDLESEX COUNTY UTILITIES AUTHORITY

SELF-MONITORING REPORT

INSTRUCTION MANUAL

TABLE OF CONTENTS

I. INTRODUCTION

The purpose of this Instruction Manual is to assist those entities that have been issued a MCUA Non-Domestic Wastewater Discharge permit, Discharge Approval or Temporary Discharge Approval (herein after referred to as the permittee) with completing and submitting Sel-Monitoring Reports to comply with the MCUA requirements. Any questions concerning the information contained in this Manual should be directed to the MCUA Industrial Pretreatment Program staff who can be contacted via phone (732) 721-3800 or e-mail (ipp@mcua.com).

In accordance with the provision of the Clean Water Enforcement Act (NJCWEA) (N.J.S.A. 58:10A-1 et seq.), permittees who monitor any parameter monthly or more frequently are required to submit monthly Self-Monitoring Reports (SMRs). These SMRs must include all values for parameters monitored during that month or "Code=N" in the appropriate sample measurement block(s) for any parameter not required to be monitored that month.

"Code=E" should be used to indicate all situations of laboratory non-reporting (late results) and invalid measurement and/or test results that have been accompanied by a laboratory statement explaining the situation. [Note: "CODE = E" entries should be explained in detail on the transmittal sheet]

It is also necessary that a monthly average for all parameter with the exception of pH be reported on your SMR in order to determine compliance with the NJCWEA Requirements. Please note, if only one sample is taken during the month, the same value must be reported for the monthly average and the daily maximum.

Please note that, if a permittee incurs a Serious Violation, a reporting omission for any parameter, or meets the Significant Non-Compliance criteria, the NJCWEA requires the initiation of monthly monitoring for that parameter until the violation does not occur for six (6) consecutive months.

Please note that the Federal Pretreatment Regulations (40CFR 403.12(g)(2)) requires that if sampling performed by an industrial user indicates a violation, the user shall notify the Authority within 24 hours of becoming aware of the violation. The user shall also repeat the sampling and analysis and submit the results of the repeat analysis to the Authority within 30 days after becoming aware of the violation.

II. MCUA PERMIT REPORTING FOR SELF-MONITORING REPORTS

In order to ensure the consistent reporting of compliance testing results to the Authority, when completing Self-Monitoring Reports (SMRs) for both concentration and mass values the permittee shall follow the directions provided.

II.1. TERMINOLOGY

A. **Laboratory analytical results fall within three categories regarding the presence of a particular pollutant:**

(1) **Detected and quantified** - the pollutant is present at or equal to a quantifiable level (e.g. - if the laboratory's analytical detection level equals 10 ug/l, the pollutant is present at 10 ug/l or at some value greater than 10 ug/l).

(2) **Detected but not quantified** - the pollutant is detected, but at a level below the laboratory analytical detection level and therefore can not be accurately quantified (e.g. - if the laboratory's analytical detection level is 10 ug/l, laboratories may report the pollutant at "<10 ug/l" or as some estimated value between 1 and 10 ug/l).

(3) **Non-detectable (ND)** - the pollutant can not be "seen" by the analytical methodology used.

B. **All examples in this document use the following abbreviations:**

<	=	less than
MGD	=	million gallons per day
ug/l	=	micrograms per liter (ppb)
mg/l	=	milligrams per liter (mg/l or ppm)
kg/day	=	kilograms per day

CODE = N For any parameter which is not required to be analyzed during that calendar month

CODE = E To indicate all situations of laboratory non-reporting and invalid measurement and/or test results that have been accompanied by a laboratory statement explaining the situation. [Note: "CODE = E" entries should be explained in detail on the transmittal sheet]

NODI No Discharge volume occurred from the facility during the monitoring period

II.2. PERMIT REPORTING FOR CONCENTRATION VALUES

A. ND Values

Reporting of ND is not permissible. If the laboratory reports that the pollutant is at a ND level, the permittee shall report less than (<) the analytical detection level which the laboratory reported for that analysis. For example, if the laboratory data looks like this:

	Result	Analytical Detection Level
Benzene	ND	<10 ug/l

REPORT: <10 ug/l

All directions given in the remainder of this section for the detected but not quantified case also apply to the non-detectable case, since it is reported as less than (<) the analytical detection level.

B. **Reporting Maximum Values for Concentration**

(1) If the analytical values are all detected and quantified, report the actual maximum value. For example:

One Month of Lab Data (ug/l)
29, 102, 48, 63

REPORT: 102 ug/l as the maximum

(2) If the analytical values are all detected but not quantified or non-detectable, report less than (<) the least sensitive reported analytical detection level of the laboratory for that data set. For example:

One Month of Lab Data (ug/l)
<17, <12, <10, <10

REPORT: <17 ug/l as the maximum

(3) If some analytical values are detected and quantified and some analytical values are detected but not quantified or non-detectable, report the largest quantified value as the maximum. For example:

One Month of Lab Data (ug/l)
10, <15, 20, <25

REPORT: 20 ug/l as the maximum

C. **Reporting Monthly Average Values for Concentration**

(1) If the analytical values are all detected and quantified, average all values and report this number. For example:

One Month of Lab Data (ug/l)
20, 80, 60, 40

REPORT: 50 ug/l as the average

(2) If the analytical values are all detected but not quantified or non-detectable, report less than (<) the least sensitive of the reported analytical detection levels achieved by the laboratory. For example:

One Month of Lab Data (ug/l)
<17, <12, <10, <10

REPORT: <17 ug/l as the average

(3) If some values are detected and quantified and some values are detected but not quantified or non-detectable, for purposes of calculating the average, substitute one-half the analytical detection level for all values reported as less than the laboratory's reported analytical detection level and then report the calculated average. For example:

One Month of Lab Data (ug/l)
50, ND (<10), 35, <20

REPORT: 25 ug/l as the average

II.3. PERMIT REPORTING FOR MASS VALUES

A. **The permittee shall measure and record the flow for each sampling period.** To calculate a mass value, the concentration value for the sampling period is multiplied by the measured flow for the same period with the appropriate unit conversion factors. The procedures for reporting the mass values are essentially the same as those for concentration values. However, mass values must be calculated for each individual sampling occurrence before daily maximum and monthly average values can be calculated and reported.

The permittee shall not calculate mass loadings based on ND values but shall calculate an individual mass loading based on the reported analytical detection level and report < the calculated loading, in this instance.

B. Reporting Maximum Values for Mass

(1) If the laboratory analytical concentration values are all detected and quantified, calculate individual mass loadings for each sampling event and report the maximum value. For example, if the permittee has a weekly monitoring requirement and a monthly reporting requirement, the data and calculated mass loadings may look like this:

	Concentration	Flow	Mass Loading
Week 1	50 ug/l	0.1000 MGD	0.0189 kg/day
Week 2	25 ug/l	0.2000 MGD	0.0189 kg/day
Week 3	40 ug/l	0.1500 MGD	0.0227 kg/day
Week 4	50 ug/l	0.2000 MGD	0.0378 kg/day

REPORT: 0.0378 kg/day as the maximum

(2) If the laboratory analytical values are all detected but not quantified or non-detectable, calculate individual mass loadings for each sampling event and report less than (<) the largest mass loading for that data set. For example:

	Concentration	Flow	Mass Loading
Week 1	<10 ug/l	0.1000 MGD	<0.0038 kg/day
Week 2	<10 ug/l	0.2000 MGD	<0.0076 kg/day
Week 3	<12 ug/l	0.2000 MGD	<0.0091 kg/day
Week 4	ND (<10 ug/l)	0.1000 MGD	<0.0038 kg/day

REPORT: <0.0091 kg/day as the maximum

(3) If some of the laboratory analytical concentration values are detected and quantified and some of the laboratory analytical values are detected but not quantified or non-detectable, calculate individual mass loadings for each sampling event and report the maximum quantified value. For example:

	Concentration	Flow	Mass Loading
Week 1	10 ug/l	0.1000 MGD	0.0038 kg/day
Week 2	<15 ug/l	0.2000 MGD	<0.0114 kg/day
Week 3	20 ug/l	0.1500 MGD	0.0114 kg/day
Week 4	<25 ug/l	0.2000 MGD	<0.0189 kg/day

REPORT: 0.0114 kg/day as the maximum

C. **Reporting Monthly Average Values for Mass**

(1) If the analytical values are all detected and quantified, calculate individual mass loadings for each sampling event, average all values, and report this value:

	Concentration	Flow	Mass Loading
Week 1	50 ug/l	0.1000 MGD	0.0189 kg/day
Week 2	25 ug/l	0.2000 MGD	0.0189 kg/day
Week 3	40 ug/l	0.1500 MGD	0.0227 kg/day
Week 4	50 ug/l	0.2000 MGD	0.0378 kg/day

REPORT: 0.0246 kg/day as the monthly average

(2) If all analytical values are detected but not quantified or non-detectable, calculate individual mass loadings for each sampling event and report the highest mass loading:

	Concentration	Flow	Mass Loading
Week 1	<10 ug/l	0.1000 MGD	<0.0038 kg/day
Week 2	<10 ug/l	0.2000 MGD	<0.0076 kg/day
Week 3	<12 ug/l	0.2000 MGD	<0.0091 kg/day
Week 4	ND (<10 ug/l)	0.1000 MGD	<0.0038 kg/day

REPORT: <0.0091 kg/day as the monthly average

(3) If some values are detected and quantified and some values are detected but not quantified or non-detectable, for purposes of calculating the average, substitute one-half the calculated mass loading for all values reported as less than the laboratory's reported analytical detection levels and then report the calculated average:

	Concentration	Flow	Mass Loading
Week 1	53 ug/l	0.1000 MGD	0.0201 kg/day
Week 2	<10 ug/l	0.2000 MGD	<0.0076 kg/day
Week 3	53 ug/l	0.2000 MGD	0.0401 kg/day
Week 4	<10 ug/l	0.1500 MGD	<0.0057 kg/day

0.0201 + 0.0038 + 0.0401 + 0.0028 = 0.0668 kg/day

0.0668 / 4 = 0.0167 kg/day

REPORT: 0.0167 kg/day as the monthly average

III. Submitting Self-Monitoring Reports via Mail

III.1. The Middlesex County Utilities Authority (MCUA) Mailing Address:

2571 Main Street
P.O. Box 159
Sayreville, NJ 08872-0159

Attention: Industrial Pretreatment Program (IPP)

III.2. Requirements

The SMR should be postmarked no later than the 25th day of the month following the completed reporting period and should be submitted to the Authority no later that the 1st day of the following month. For example, the SMR for the month of January should be postmarked no later than February 25th and is due on March 1st. Facilities which have ceased discharge are still required to submit SMRs until the MCUA permit has been officially terminated. These facilities should write "NODI" across the face of the SMR.

The Self-Monitoring Report Form prepared by the Authority for use by the permittee must be used for all Self-Monitoring Report Submissions. Permittees who wish to use an alternate SMR form shall receive approval prior to their use. Until such time that the alternate form is approved by the MCUA, the enclosed SMR form shall be used. (NOTE: If there is a discrepancy between the permit and the SMR form, the permit shall take precedence).

If there is any inaccuracy in the SMR as submitted to the MCUA, you must immediately submit a copy of the SMR, with all necessary corrections noted thereon. All corrections must be made on the SMR in red ink and each revised value must be initialed and dated by the original signatory.

In lieu of submitting the SMRs by mail, the SMR can be submitted to the Authority electronically via the Authority website (www.mcua.com). The Authority strongly encourages permittees to use the Authority website to comply with the referenced permit monitoring and reporting requirements. If a permittee chooses not to submit SMRs via the Authority website, copies of the enclosed SMR, should be made and used as needed.

IV. Submitting Self-Monitoring Reports Electronically

IV.1. Data Entry Instructions

A. Website Address
- Access via MCUA.com website and click Submit SMR

B. Accounts
- How to login
  - User name, "contact" password
    NOTE: The contact password can **ONLY** enter data and save the form
  - User name, "authorized representative/signer" password
    NOTE: The authorized representative/signer password can also enter data and save the form and is **required for submitting** the form

- Once logged in, the password can be changed by clicking Change Password.

C. Entering an SMR; click on Enter New Information
- Enter header – Discharge Point, Start Date, End Date
- Mark any Operating Exceptions
- Enter Comments, if necessary
- Enter Flow on day sampled (if necessary) [Note: G(M) is Million Gallons]

- Click Edit All

  Under Quantity or Loading
  - Enter Flow: Average, Maximum and No. of Vio(lations)

  Under Quality or Concentration
  - Enter pH: Minimum, Maximum and No. of Vio(lations)
  - Fill out all required parameters, such as BOD5: Average, Maximum and No. of Vio(lations)

  NOTE: If only one sample was taken in a given month, the Average and Maximum are the same value.

  NOTE: Quantity or Loading will be calculated automatically (if a flow was entered for day of sampling).

  NOTE: Below DL (Detection Limit) and other special codes
  - Y: Value reported is below the Minimum Detection Limit.
  - <: Value reported is below the Minimum Detection Limit.
  - J: Value reported is from a sample where the holding time has been exceeded.
  - K: Value reported was detected but is less than the limit of detection of the analytical procedure.
  - L: Actual value is known to be greater than value reported.
  - T: Actual value is known to be less than the value reported. Use when the result of analysis is non-detection with the limit of detection of the analytical procedure as the value reported.
  - U: Parameter was analyzed for, but not detected.

- Enter Reporting Code – NODI, etc.
  - Code=C: Sample not taken due to accompanying certification statement
  - Code=E: Indicates situations of improper laboratory analysis, invalid measurement and/or test results. A statement should accompany such results from the laboratory.
  - Code=N: Sample not required this monitoring period (i.e., Quarterly Monitoring).
  - Code=NODI: No discharge; therefore, no samples taken.

  [NOTE: The MCUA IPP Staff is advising permittees to enter any required sampling data and then enter any necessary Reporting Code]

- Click Update All
- Add Attachments, if necessary
- Enter Certification Statement, if applicable

D. Saving the SMR
- Click Save Form

E. Submitting the SMR (ONLY available if entering site using the Authorized Representative/signer password)
- Click box certifying that the information is true, accurate and complete.
- Enter Authorized Representative/signer password
- Click Submit Form

NOTE: A confirmation e-mail will be sent (as long as the e-mail address is in the MCUA software system).

F. Printing the SMR: view as a PDF (Adobe Acrobat file), then the Form can be printed and/or saved.

G. Logging off the Site
- Click Logout

H. SMR Revisions
- Once the SMR is "Submitted", data can no longer be added or modified. If there is any inaccuracy in the SMR as submitted to the MCUA, you must immediately submit a copy of the SMR, with all necessary corrections noted thereon. All corrections must be made on the SMR in red ink and each revised value must be initialed and dated by the original signatory, and mail the Form to the MCUA.

MIDDLESEX COUNTY UTILITIES AUTHORITY (MCUA)
SELF-MONITORING REPORT (SMR)

PERMITTEE NAME / ADDRESS

NAME: Sevenson Env. Services/Cornell Dubilier Electronics

ADDRESS: 333 Hamilton Blvd.
South Plainfield, New Jersey

MCUA TDA NUMBER: 06-09

DISCHARGE POINT: DSN 001

MONITORING PERIOD: FROM _____ TO _____

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				# OF VIOS.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Flow	Sample Measurement				******	******	******				
	Permit Requirement	REPORT 30-DAY AVG.	40,000 DAILY MAX	GPD	******	******	******	***		CONTINUOUS	N/A
Flow (Total)	Sample Measurement				******	******	******				
	Permit Requirement	WEEKLY TOTAL	21,800,000 TOTAL TO DATE	GAL	******	******	******	***		CONTINUOUS	N/A
Flow (gpm)	Sample Measurement				******	******	******				
	Permit Requirement	REPORT 30-DAY AVG.	85 DAILY MAX	GPM	******	******	******	***		CONTINUOUS	N/A
Ph (Grab)	Sample Measurement	******	******			******					
	Permit Requirement	******	******	***	5.0 MINIMUM	******	10.0 MAXIMUM	S.U.		MONTHLY	GRAB
Total Petroleum Hydrocarbons	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	REPORT 30-DAY AVG.	100 DAILY MAX	MG L		MONTHLY	GRAB
Arsenic	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	1.000 30-DAY AVG.	3.000 DAILY MAX	MG L		MONTHLY	COMP.
Cadmium	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	0.260 30-DAY AVG.	0.690 DAILY MAX	MG L		MONTHLY	COMP.

				TELEPHONE		DATE		
	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS DOCUMENT AND ALL ATTACHMENTS AND THAT, BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.					
NAME / TITLE OF AUTHORIZED REPRESENTATIVE		SIGNATURE OF AUTHORIZED REPRESENTATIVE	AREA CODE	NUMBER	YEAR	MO	DAY

MIDDLESEX COUNTY UTILITIES AUTHORITY (MCUA)
SELF-MONITORING REPORT (SMR)

PERMITTEE NAME / ADDRESS

NAME: Sevenson Env. Services/Cornell Dubilier Electronics

ADDRESS: 333 Hamilton Blvd.

South Plainfield, New Jersey

MCUA TDA NUMBER: 06-09 DISCHARGE POINT: DSN 001

MONITORING PERIOD: FROM _____ TO _____

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				# OF VIOS.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Chromium (Total)	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	0.360 30-DAY AVG.	0.230 DAILY MAX	MG L		MONTHLY	COMP.
Copper	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	0.360 30-DAY AVG.	1.100 DAILY MAX	MG L		MONTHLY	COMP.
Lead	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	0.400 30-DAY AVG.	0.600 DAILY MAX	MG L		MONTHLY	COMP.
Mercury	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	0.048 30-DAY AVG.	0.110 DAILY MAX	MG L		MONTHLY	COMP.
Nickel	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	0.170 30-DAY AVG.	0.360 DAILY MAX	MG L		MONTHLY	COMP.
Silver	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	0.240 30-DAY AVG.	0.430 DAILY MAX	MG L		MONTHLY	COMP.
Zinc	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	0.660 30-DAY AVG.	2.200 DAILY MAX	MG L		MONTHLY	COMP.

			TELEPHONE		DATE		
	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS DOCUMENT AND ALL ATTACHMENTS AND THAT, BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION. I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.		AREA CODE	NUMBER	YEAR	MO	DAY
NAME / TITLE OF AUTHORIZED REPRESENTATIVE		SIGNATURE OF AUTHORIZED REPRESENTATIVE					

ATTACH COMMENTS AND EXPLANATIONS OF ANY VIOLATIONS

MIDDLESEX COUNTY UTILITIES AUTHORITY (MCUA)
SELF-MONITORING REPORT (SMR)

PERMITTEE NAME / ADDRESS
NAME: Sevenson Env. Services/Cornell Dubilier Electronics

ADDRESS: 333 Hamilton Blvd.
South Plainfield, New Jersey

MCUA TDA NUMBER: 06-09 DISCHARGE POINT: DSN 001

MONITORING PERIOD: FROM _____ TO _____

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				# OF VIOS.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Total Toxic Organics	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	REPORT 30-DAY AVG.	2.13 DAILY MAX	MG L		MONTHLY	COMP./ /GRAB
Volatile Organics	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	REPORT 30-DAY AVG.	REPORT DAILY MAX	MG L		MONTHLY	GRAB
Base/Neutrals	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	REPORT 30-DAY AVG.	REPORT DAILY MAX	MG L		MONTHLY	COMP.
Acid Extractables	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	REPORT 30-DAY AVG.	REPORT DAILY MAX	MG L		MONTHLY	COMP.
Pentane	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	REPORT 30-DAY AVG.	REPORT DAILY MAX	MG L		MONTHLY	Comp.
Pesticides	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	BMDL 30-DAY AVG.	BMDL DAILY MAX	MG L		MONTHLY	COMP.
PCBs	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	REPORT 30-DAY AVG.	0.003 DAILY MAX	MG L		MONTHLY	COMP.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS DOCUMENT AND ALL ATTACHMENTS AND THAT, BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.

NAME / TITLE OF AUTHORIZED REPRESENTATIVE	SIGNATURE OF AUTHORIZED REPRESENTATIVE	TELEPHONE: AREA CODE	TELEPHONE: NUMBER	DATE: YEAR	DATE: MO	DATE: DAY

ATTACH COMMENTS AND EXPLANATIONS OF ANY VIOLATIONS

SECTION 4. SITE PLAN

Please provide a 8 ½ x 11 site plan indicating all activities which make-up the proposed discharge and indicate the proposed connection to the wastewater collection system.

SECTION 5. CERTIFICATION

This is to be signed by an authorized representative of the Applicant/Responsible Party **after** completion and review of the information in this Temporary Discharge Application.

I have personally examined and am familiar with the information submitted in sections1, 2, 3, 4 and all attachments. Based upon my inquiry of those individuals immediately responsible for obtaining the information reported herein, I believe that the submitted information is true, accurate and complete, I am aware that there are significant penalties for submitting false information, including the possibility of fine and/or imprisonment.

Signature of Authorized Representative* — Date: 6/30/09

ALFRED R LaGRECA VICE PRES
Name & Title

Return completed application and all other correspondence to: Middlesex County Utilities Authority, P.O. Box 159, Sayreville, NJ 08872. Attention: Environmental Quality (732)721-3800

*Signatory Requirements For Applicant/Responsible Party

The Temporary Discharge Approval shall be signed as follows:

(1). By a responsible corporate officer, if the Applicant/Responsible Party is a corporation. For the purpose of this paragraph, a responsible corporate officer means (i) a president, secretary, treasurer, or vice-president of the corporation in charge of a principle business function, or any other person who performs similar policy- or decision-making functions for the corporation, or (ii) the manager of one or more manufacturing, production, or operation facilities employing more than 250 persons or having gross annual sales or expenditures exceeding $25 million (in second-quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

(2). By a general partner or proprietor if the Applicant/Responsible Party is a partnership or sole proprietorship respectively.

(3). By a duly authorized representative of the individual designated in paragraph (I)(1) or (I)(2) of this section if:

(i). The authorization is made in writing by the individual described in paragraph (I)(1) or (I)(2);

(ii). the authorization specifies either an individual or a position having responsibility for the overall operation of the facility from which the discharge originates, such as the position of plant manager, operator of a well, or well field superintendent, or a position of equivalent responsibility, or having overall responsibility for environmental matters for the company; and

(iii). the written authorization is submitted to the Middlesex County Utilities Authority.

(4). If an authorization under paragraph (I)(3) of this section is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, or overall responsibility for environmental matters for the company, a new authorization satisfying the requirements of paragraph (I)(3) of this section must be submitted to the Middlesex County Utilities Authority prior to or together with any reports to be signed by an authorized representative.

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE

(Read instructions on the reverse side prior to initiating this form)

DATE: 12/11/2009

TRANSMITTAL NO.: 02630-393

SECTION I - REQUEST FOR APPROVAL OF THE FOLLOWING ITEMS (This section will be initiated by the contractor)

TO: Environmental Residency
US Army Corps of Engineers
214 State Highway 18
East Brunswick, NJ 08816

FROM: Sevenson Environmental Services Inc.
2749 Lockport Road
Niagara Falls, NY 14305

CONTRACT NO.: W912DQ-04-D-0023 0011

CHECK ONE:
[X] THIS IS A NEW TRANSMITTAL
[ ] THIS IS A RESUBMITTAL OF TRANSMITTAL _____

SPECIFICATION SEC. NO. (Cover only one section with each transmittal): 02630

PROJECT TITLE AND LOCATION: 01-Main Register
Cornell Dubilier OU2 Soils (LTTD) 333 Hamilton Boulevard, SP, NJ 07080

CHECK ONE: THIS TRANSMITTAL IS FOR [X] FIO [ ] GA [ ] DA [ ] CR

ITEM NO. a.	DESCRIPTION OF ITEM SUBMITTED (Type size, model number/etc.) b.	MFG OR CONTR. CAT., CURVE DRAWING OR BROCHURE NO. (See instruction no. 8) c.	NO. OF COPIES d.	CONTRACT REFERENCE DOCUMENT: SPEC. PARA. NO. e.	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. f.	FOR CONTRACTOR USE CODE g.	VARIATION (See Instruction No. 6) h.	FOR CE USE CODE i.
3	MCUA - Temporary Discharge Permit #2	RECORDS	6	1.2		A	N	F

REMARKS

I certify that the above submitted items have been reviewed in detail and are correct and in the strict conformance with the contract drawings and specifications except as otherwise stated.

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED (List by item No.): 6

NAME, TITLE AND SIGNATURE OF APPROVING AUTHORITY: Patrick Nyland, COR

DATE: 15 Dec 09

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE (Read instructions on the reverse side prior to initiating this form)	DATE 12/11/2009	TRANSMITTAL NO. 02630-393

SECTION I - REQUEST FOR APPROVAL OF THE FOLLOWING ITEMS (This section will be initiated by the contractor)

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REMARKS

I certify that the above submitted items have been reviewed in detail and are correct and in the strict conformance with the contract drawings and specifications except as otherwise stated.

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED (List by item No.)	NAME, TITLE AND SIGNATURE OF APPROVING AUTHORITY	DATE

MIDDLESEX COUNTY UTILITIES AUTHORITY

MAIN OFFICES:
2571 MAIN STREET • P.O. BOX 159 • SAYREVILLE, NJ 08872-0159
(732) 721-3800 FAX: (732) 721-0206

MIDDLESEX COUNTY LANDFILL OFFICE:
53 EDGEBORO ROAD • EAST BRUNSWICK, NJ 08816-1636
(732) 246-4313 FAX: (732) 246-8846

RICHARD L. FITAMANT, EXECUTIVE DIRECTOR
MARGARET M. BRENNAN, COMPTROLLER
DONATO J. TANZI, WASTEWATER DIVISION
PAUL T. CLARK, SOLID WASTE DIVISION
JOHN A. HILA, ESQ., COUNSEL

REPLY TO:
☑ SAYREVILLE
☐ EAST BRUNSWICK

November 24, 2009

RECEIVED NOV 30 2009

Kim W. Lickfield
Project Manager
Sevenson Environmental Services, Inc.
2749 Lockport Road
Niagara Falls, NY 14305

Re: **Cornell Dubilier Electronics Superfund Site**
333 Hamilton Blvd.
South Plainfield, NJ
Approval No: 06-09

Dear Mr. Lickfield

Per your letter of November 19, 2009, the Authority grants your request to modify the Expiration date of the Temporary Discharge Approval (TDA) issued to the referenced facility. This TDA supercedes any and all past TDS's issued by the MCUA to the referenced facility.

Enclosed, is the modified TDA for the referenced facility. By copy of this letter, notification of the modification is given to the Borough of South Plainfield, and Plainfield Area Regional Sewerage Authority. If the Borough of South Plainfield or PARSA objects to this modification, the Temporary Discharge Approval will become null and void and you will be required to submit an application for a new Temporary Discharge Approval.

The TDA shall be signed by the Applicant, *Borough of South Plainfield, and Plainfield Area Regional Sewerage Authority*; then returned to the MCUA prior to the commencement of this permitted discharge. Failure to return the fully executed TDA to the MCUA prior to the commencement of discharge may subject the applicant to enforcement proceedings for an unauthorized discharge to the MCUA Central Treatment Plant and its appurtenances pursuant to the provisions of the MCUA Rules and Regulations.

If you have any questions regarding this matter, please contact me at (732)721-3800.

Very truly yours,

Kevin T. Aiello
Administrator
Environmental Quality

Enc.
KTA:dlr
c: G. Cullen, Borough of South Plainfield
R. Villee, PARSA
R. Fitamant, MCUA
D. Tanzi, MCUA
z:\WINWORD\discharge\06.09.doc

APPROVAL NO: 06-09M1

MIDDLESEX COUNTY UTILITIES AUTHORITY

TEMPORARY DISCHARGE APPROVAL

APPLICANT:
Sevenson Environmental Services
2749 Lockport Road
Niagara Falls, NY 14305

LOCATION:
Cornell Dubilier Electronics
333 Hamilton Blvd.
South Plainfield, NJ

EFFECTIVE DATE:
January 1, 2010

EXPIRATION DATE:
December 31, 2010

DESCRIPTION:

To operate a temporary water treatment facility to treat groundwater accumulated from the Superfund site activities and discharge to the MCUA via the Borough of South Plainfield and the Plainfield Area Regional Sewerage Authority wastewater collection systems.

I CONDITIONS

A. The approval is specific to the temporary discharge requested by Sevenson Environmental Services, Inc. (Applicant) in its correspondence of July 1, 2009 and November 19, 2009 for the location cited above.

B. No discharge shall occur until all approvals and signatures in Section III of this Temporary Discharge Approval are obtained. A copy of the full executed Temporary Discharge Approval shall be forwarded to the MCUA prior to discharge. The effective date of this Temporary Discharge Approval is valid provided all required signatures are obtained prior to the effective date set forth above. If signatures are obtained after the effective date set forth above, the effective date of the Temporary Discharge Approval will be the date of the last signature obtained in Section III of this Temporary Discharge Approval.

C. The discharge rate shall be at a rate not to exceed 85 gpm and the total flow per day shall not exceed 40,000 gallons. The total volume of groundwater discharged over the term of this Temporary Discharge Approval shall not exceed 21,800,000 gallons.

D. MCUA reserves the right to modify the monitoring frequencies and discharge limitations set forth herein when necessary; to protect its collection system and/or treatment system, the public health and welfare or the environment; to satisfy any federal or state law, rule or regulation or any amendment thereof or supplement thereto or for other reasons as set forth in Section 5.17 or MCUA's Rules and Regulations. No discharge shall occur during storm events, if specifically requested by MCUA prior to, or during such an event.

E. The constituent concentrations of the discharge shall be below the discharge limitations set forth in Exhibit A and Section 3 of the MCUA Rules and Regulations attached hereto as Exhibit B. Furthermore, any and all applicable requirements of the MCUA Rules and Regulations apply to this discharge. The MCUA Rules and Regulations maybe obtained at:
http://www.mcua.com/documents/rules/MCUARulesandRegulations

F. If necessary, the discharge shall be treated prior to discharge to assure compliance with the discharge limitations setforth in Exhibit A and B.

G. The Applicant shall sample the discharge for all parameters at the frequencies set forth in Exhibit A at the location indicated (DSN001) in Exhibit C. The samples shall be submitted to and analyzed by a NJDEP Certified Laboratory. The Applicant may request modifications to the monitoring frequencies, provided adequate monitoring and/or historical data is submitted to the MCUA demonstrating that all discharge limitations set forth in the Temporary Discharge Approval have been consistently met or the parameter is not present. No modification of the Temporary Discharge Approval shall be effective until such time written approval is issued by the MCUA.

H. The Applicant shall, to the maximum extent permitted by applicable law, hold and save MCUA, and any third parties to which MCUA may be liable, harmless of and from any and all injury and damage suffered, as a result of any discharge from the Applicant which does not comply with the discharge limitations set forth herein and/or any discharge limitations with which the Applicant must comply by law.

I. The Applicant shall notify the MCUA forty-eight (48) hours prior to the start of the discharge and twenty-four (24) hours prior to the termination of the discharge permitted by this Temporary Discharge Approval.

J. MCUA reserves the right to TERMINATE the discharge in the event (a) the Applicant fails to comply with the stipulations setforth herein to discharge to the sanitary sewer and/or (b) the discharge poses a threat to MCUA's collection and/or treatment system, the public health and welfare and/or the environment. Or other reasons as set forth in Section 5.19 of the MCUA's Rules & Regulations. MCUA shall endeavor to provide the Applicant such prior notice of termination as may be reasonable under all of the circumstances then pertaining at the time MCUA determines that the discharge should be terminated.

K. MCUA reserves the right to sample and analyze the discharge at any time and the costs for sampling and analysis will be charged to and paid by the Applicant. In accordance with Section 14 of the MCUA's Rules & Regulations.

L. From the effective date of this Temporary Discharge Approval the Applicant shall submit to the MCUA a monitoring and flow data report on a monthly basis postmarked no later than the 25th day of the month following the completed reporting period and which must be received by the Authority no later then the 1st day of the following month. For example, the report for the month of January should be postmarked no later than February 25th and is due on March 1st. *All monitoring and flow data shall be submitted to the MCUA on the Self Monitoring Report (SMR) forms attached hereto as Exhibit D or electronically via the MCUA Web site. (www.mcua.com).*

Please be advised, SMR's shall be submitted each month identifying the quantity and quality of the discharge or no discharge (NODI) for the reporting period.

M. Nothing in this approval shall be construed to relieve the Applicant from civil or criminal penalties for non-compliance with this approval or from any responsibilities, liabilities, or penalties established pursuant to Section 10 of the MCUA Rules & Regulations and applicable federal, state or local law or regulation. Nothing in this approval shall preclude or limit the MCUA from taking any legal or administrative action against the Applicant for any violation of this approval or the MCUA Rules & Regulations or any applicable federal, state or local law or regulation.

II FEE:

The Applicant shall pay to the MCUA a Temporary Discharge Connection Fee for discharging groundwater generated from the remediation activities at the applicants site, designated in this approval, into the MCUA wastewater facilities. The MCUA shall invoice the applicant quarterly based on the flows submitted by the applicant in its monitoring report submittals required pursuant to Section L of this approval. The applicant shall pay the invoice within thirty days of receipt. For this approval the fee shall be assessed at $11,688.07 per million gallons in accordance with Section 14.2 of the MCUA's Rules and Regulations. Failure to pay the invoiced fee by the applicant will terminate this Temporary Discharge Approval and the MCUA will initiate enforcement action against the applicant for an unauthorized discharge pursuant to Section 10 of the MCUA Rules and Regulations.

Any modifications to the flow monitoring equipment shall receive written approval from the MCUA.

III APPROVALS:

A. MCUA

The MCUA has no objection to this temporary discharge provided all conditions of this Temporary Discharge Approval are complied with and satisfied.

11/24/09

AUTHORIZED REP. **DATE**
KEVIN T. AIELLO
ADMINSTRATOR ENVIRONMENTAL QUALITY

B. OWNER OF WASTEWATER CONVEYANCE SYSTEM

The Borough of South Plainfield has no objection to this temporary discharge provided all conditions of this approval are complied with and, if applicable, the additional conditions set forth hereto as Exhibit E*of the approval. Furthermore, the Borough of South Plainfield hereby certifies that to the best of its knowledge the wastewater conveyance system, into which this temporary discharge will connect, has adequate capacity to accept such discharge and we are not aware of inadequate conveyance capacity conditions in any portion of the downstream facilities necessary to convey the discharge to the MCUA.

12/10/09

AUTHORIZED REPRESENTATIVE **DATE**

NAME: Glenn F Cullen
TITLE: CFO/Administrator

* Additional conditions requested by the owner of wastewater conveyance system shall be setforth in this approval as attached hereto as Exhibit E.

The Plainfield Area Regional Sewerage Authority has no objection to this temporary discharge provided all conditions of this approval are complied with and, if applicable, the additional conditions set forth hereto as Exhibit E*of the approval. Furthermore, the Plainfield Area Regional Sewerage Authority hereby certifies that to the best of its knowledge the wastewater conveyance system, into which this temporary discharge will connect, has adequate capacity to accept such discharge and we are not aware of inadequate conveyance capacity conditions in any portion of the downstream facilities necessary to convey the discharge to the MCUA.

12/10/2009

AUTHORIZED REPRESENTATIVE **DATE**

NAME: Robert A. Villere
TITLE: Executive Director

*Additional conditions requested by the owner of wastewater conveyance system shall be setforth in this approval as attached hereto as Exhibit E.

C. ACCEPTANCE OF CONDITIONS BY THE APPLICANT/RESPONSIBLE PARTY

The Applicant concurs with all the conditions setforth in this Temporary Discharge Approval.

AUTHORIZED REPRESENTATIVE* 12/4/09 DATE

NAME: ALFRED R LaGREEN
TITLE: V.P.

*Definition of Authorization rep: 40 CFR Part 403.12(I)

Exhibit A
Middlesex County Utilities Authority
Monitoring Requirements and Discharge Limitations

Applicant: Sevenson Environmental Services
Effective Date: January 1, 2010 TDA No. 06-09
Expiration Date: December 31, 2010

Parameter[1]	Daily Maximum	Monthly Average	Monitoring Frequency	Sampling Type	Reporting Frequency
Arsenic (Total)	3.000	1.000	Monthly[5]	Composite	Monthly
Cadmium (Total)	0.690	0.260	Monthly[5]	Composite	Monthly
Chromium (Total)	0.230	0.120	Monthly[5]	Composite	Monthly
Copper (Total)	1.100	0.360	Monthly[5]	Composite	Monthly
Lead (Total)	0.600	0.400	Monthly[5]	Composite	Monthly
Mercury (Total)	0.110	0.048	Monthly[5]	Composite	Monthly
Nickel (Total)	0.360	0.170	Monthly[5]	Composite	Monthly
Silver (Total)	0.430	0.240	Monthly[5]	Composite	Monthly
Zinc (Total)	2.200	0.660	Monthly[5]	Composite	Monthly
Total Toxic Organic[2]	2.130	N/L[3]			
Volatile Compounds			Monthly[5]	Grab	Monthly
Base/Neutral Compounds			Monthly[5]	Composite	Monthly
Acid Extractable Compound			Monthly[5]	Composite	Monthly
Pesticides	BMDL[4]	BMDL	Monthly[5]	Composite	Monthly
PCB's	0.003	N/L	Monthly[5]	Composite	Monthly
pH (Standard Units)	5.0 < 10.0		Monthly[5]	Grab	Monthly
Total Petroleum Hydrocarbons	100.000	N/L	Monthly[5]	Grab	Monthly
Flow (Total Gallons)	Not to exceed	21.8 MG	Continuous	Continuous	Monthly
Flow (GPD)	40,000		Continuous	Continuous	Monthly
Flow (GPM)	85		Continuous	Continuous	Monthly

[1] All units in mg/l, unless otherwise noted
[2] Total Toxic Organic are defined in Attachment 1-A
[3] N/L No Limitations Establised At this Time
[4] MDL: Below Minimum Detection Limit
[5] Monitor each discharge event for five months. Applicant may request a reduction in monitoring frequencies pursuant to Item G of this TDA

ATTACHMENT 2

TOTAL TOXIC ORGANICS

The Term "TTO" shall mean Total Toxic Organics, which is the summation of all quantifiable values greater than 0.01 milligrams per liter (10 ppb) for the following toxic organics:

Base/Neutrals
Acenaphthene
Acenaphthylene
Anthracene
Benzidine
Benzo(a)anthracene
Benzo(a)pyrene
Benzo(ghi)perylene
Benzo(k)fluoranthene
3,4,-Benzofluoranthene
Bis(2-chloroethoxy)methane
Bis(2-chloroethyl)ether
Bis(2-chloroisopropyl)ether
Bis(2-ethylhexyl)phthalate
4-Bromophenyl phenyl ether
Butyl benzyl phthalate
2-Chloronaphthalene
4-Chorophenyl phenyl ether
Chrysene
Di-n-butyl phthalate
Di-n-octyl phthalate
Dibenzo(a,h)anthracene
1,2-Dichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
1,2,4-Trichlrobenzene
Diethyl phthalate
Dimethyl phthalate
2,4-Dinitrotoluene
2,6-Dinitrotoluene
1,2-Diphenylhyrazine
Fluoranthene
Fluorene
Hexachlorobenzene
Hexachlorobutadiene
Hexachlorocyclopentadiene
Hexachloroethane
Indeno(1,2,3-cd)pyrene
Isophorone
Naphthalene
Nitrobenzene
N-nitrosodi-n-propylamine
N-nitrosodimethylamine
N-nitrosodiphenylamine
Phenanthrene
Pyrene
3,3-dichlorobenzidine
2,3,7,8-tetrachloro-dibenzo-p-dioxin

Acid Extractables
2-Chlorophenol
2,4-Dichlorophenol
2,4-Dimethylphenol
4,6-Dinitro-o-cresol
2,4-Dinitrophenol
2-Nitrophenol
4-Nitrophenol
p-Chloro-m-cresol
Pentachlorophenol
Phenol
2,4,6-Trichlorophenol

Volatile Organics
Acrolein
Acrylonitrile
Benzene
Bis(chloromethyl)ether
Bromoform (Tribromomethane)
Carbon tetrachloride
Chlorobenzene
Chlorodibromomethane
Chloroethane
2-Chloroethyl vinyl ether
Chloroform (Trichloromethane)
Dichlorobromomethane
Dichlorodifluoromethane
1,1-Dichloroethane
1,2-Dichloroethane
1,1-Dichloroethylene
1,2-Dichloropropane
1,3-Dichloropropylene
Ethylbenzene
Methyl bromide (Bromomethane)
Methyl chloride (Chloromethane)
Methylene chloride (Dichloromethane)
1,1,2,2-Tetrachloroethane
Tetrachloroethylene
Toluene
1,2,-trans-Dichloroethylene
1,1,1-Trichloroethane
1,1,2-Trichloroethane
Trichloroethylene
Trichlorofluromethane
Vinyl Chloride (Chloroethylene)
Xylene

SECTION 3 - GENERAL SEWER USE REQUI ENTS

3.1 Prohibited Discharge Standards

(A) General Prohibitions.

(1) No user shall introduce or cause to be introduced into the POTW any pollutant or wastewater which cause a violation of any regulatory permits (i.e., Federal, State, Local) issued to the Authority; or causes interference, pass through or upset; or pose a threat to human health and safety; or causes damage to the Authority's treatment works. These general prohibitions and the specific prohibitions in paragraph (B) of this section apply to all users of the POTW whether or not they are subject to categorical pretreatment standards or any other National, State, or local pretreatment standards or requirements.

(2) Pollutants, substances, or wastewater prohibited by this section shall not be processed or stored in such a manner that they could be discharged to the Authority.

(B) Specific Prohibitions. No user shall introduce or cause to be introduced into the POTW the following pollutants, substances, and/or wastewater:

(1) Wastewater of such a nature and in such a quantity as to impair the hydraulic capacity of the POTW;

(2) Pollutants of such a nature as to, by either chemical or mechanical action, impair the strength or the durability of the sewer structures, normal

(3) Pollutants which creates a fire or explosive hazard in the POTW, including, but not limited to, wastestreams with a closed-cup flashpoint of less than 140°F (60°C) using the test methods specified in 40 CFR 261.21;

(4) Solid or viscous substances in amounts which will cause obstruction of the flow in the POTW resulting in interference;

(5) Pollutants which will cause corrosive structural damage to the POTW, and the discharge pH shall be equal to or greater than 5.0, and less than 12.5. However, in the case of continuous pH monitoring, the compliance level shall be 99% with an absolute minimum of 4.0 and an absolute maximum of 12.5;

(6) Wastewater which includes any radioactive substance, unless the Authority shall have given written consent to its inclusion; but in no case, a radioactive discharge which does not comply with Federal Regulations (10 CFR Part 20 et.seq.) and/or State Regulations (N.J.A.C. 7:28-1.1 et.seq.);

(7) Wastewater which includes any garbage or ground garbage other than that received directly into public sewers from residences, unless the Authority shall have given written consent to its inclusion;

(8) Wastewater which contains any unpolluted waters that may be discharged to a separate storm sewer;

(9) Wastewater which contains heat in amounts which will inhibit biological activity in the sewage treatment plant resulting in interference, but in no case heat in such quantities that the temperature at the sewage treatment plant exceeds 40°C (104°F);

(10) Wa ater which has a monthly average concentration higher than 100 mg/l of petroleum oil, nonbiodegradable cutting oils, or product of mineral oil origin, unless the Authority shall have given written consent to its inclusion; but in no case, a daily maximum concentration greater than 150 mg/l;

(11) Pollutants, including oxygen demanding pollutants (BOD, etc.) released in a Discharge at a flow rate and/or pollutant concentration which, either singly or by interaction with other pollutants, will cause interference, pass through, or upset with the sewage treatment plant;

(12) Substances which are not amenable to treatment or reduction by the sewage treatment processes employed, or are amenable to treatment only to such a degree that the sewage treatment plant effluent cannot meet the requirements of the regulatory agencies having jurisdiction over discharge to the receiving waters, emissions of pollutants to the air or result in concentrations in the sludge produced at the sewage treatment plant which do not meet the requirements of the regulatory agencies or of the sludge management process being used;

(13) Pollutants which, either alone or by interaction with other wastes, are malodorous, are capable of creating a public nuisance or hazard to life or health, or are present in sufficient concentrations to prevent entry into the Trunk System for its maintenance and repair, or result in the presence of toxic gases, vapors, or fumes within the Authority's treatment works in a quantity that may cause acute health and safety problems;

(14) Wastewater which contains heavy metals, toxic materials or any other materials which in concentrations discharged into the Sanitary Sewer or Trunk Sewer will have a deleterious effect on the wastewater treatment process, sludge processing, the plant effluent, air emissions or the sludge produced.

(15) Any trucked or hauled pollutants, except at discharge points designated by the Authority;

(16) Medical wastes, except as specifically authorized by the Authority;

(17) Sludges, screenings, or other residues from the pretreatment of industrial wastes;

(C) When Specific Limits Must Be Developed.

(1) The Authority shall develop and enforce specific limits to implement the prohibitions listed in paragraphs 3.1(A) and (B) of this section. The Authority shall develop these limits as necessary and effectively enforce such limits.

(2) Specific effluent limits shall not be developed and enforced without individual notice to persons or groups who have requested such notice and an opportunity to respond.

(D) Local Limits. The Authority reserves the right to develop specific prohibitions or limits on pollutants or pollutant parameters in accordance with paragraph (C) above, such limits shall be deemed Pretreatment Standards for the purposes of section 307(d) of the Act.

3.2 General Pretreatment Standard:

40 CFR 403.1 et. seq. is hereby incorporated by reference, including all supplements and amendments thereto.

3.3 National Categorical Pretreatment Standards

40 CFR 403 et. seq. is hereby incorporated by reference, including all supplements and amendments thereto. Upon the effective date of the National Categorical Pretreatment Standard for a particular industrial subcategory, the Federal Standard, if more stringent than limitations imposed under these Rules and Regulations for sources in that subcategory, shall immediately supersede the limitations imposed under these Rules and Regulations and affected Industrial Users shall comply with such standards within the stated deadlines. The Authority shall notify affected industrial users of their applicable reporting requirements.

3.4 State Requirements

State requirements and limitation on discharges shall apply in any case where they are more stringent than Federal requirements and limitations or those in these Rules and Regulations.

3.5 Local Limits

[RESERVED]

3.6 Authority's Right of Revision

The Authority reserves the right to establish, by Rules and Regulations or in Non-Domestic Wastewater Discharge Permits or Discharge Approvals, more stringent limitations or requirements on discharges to the sanitary sewer.

3.7 Dilution

No user shall ever increase the use of process water, or in any way attempt to dilute a discharge, as a partial or complete substitute for adequate treatment to achieve compliance with the limitations contained in the Federal Categorical Pretreatment Standards, or in any other pollutant-specific limitation developed by the Authority or State.

3.8 Removal Credit

The Authority reserves the right at its discretion to issue Pretreatment Removal Credits in accordance with 40 CFR 403.7. Any costs associated with determination of Pretreatment Removal Credits for any priority pollutant shall be borne by the user requesting said credit.

3.9 Net/Gross Calculation

Pursuant to 40 CFR Part 403.15, Categorical Pretreatment Standards may be adjusted to reflect the presence of pollutants in the Industrial User's intake water in accordance with this section.

(A) Application.

Any Industrial User wishing to obtain credit for intake pollutants must make application to the Authority. Upon request of the Industrial User, the applicable Standard will be calculated on a "net" basis (i.e., adjusted to reflect credit for pollutants in the intake water) if the requirements of paragraphs (b) and (c) of this section are met.

(B) Criteria.

(1) The Industrial User must demonstrate that the control system it proposes or uses to meet applicable categorical Pretreatment Standards would, if properly installed and operated, meet the Standards in the absence of pollutants in the intake waters.

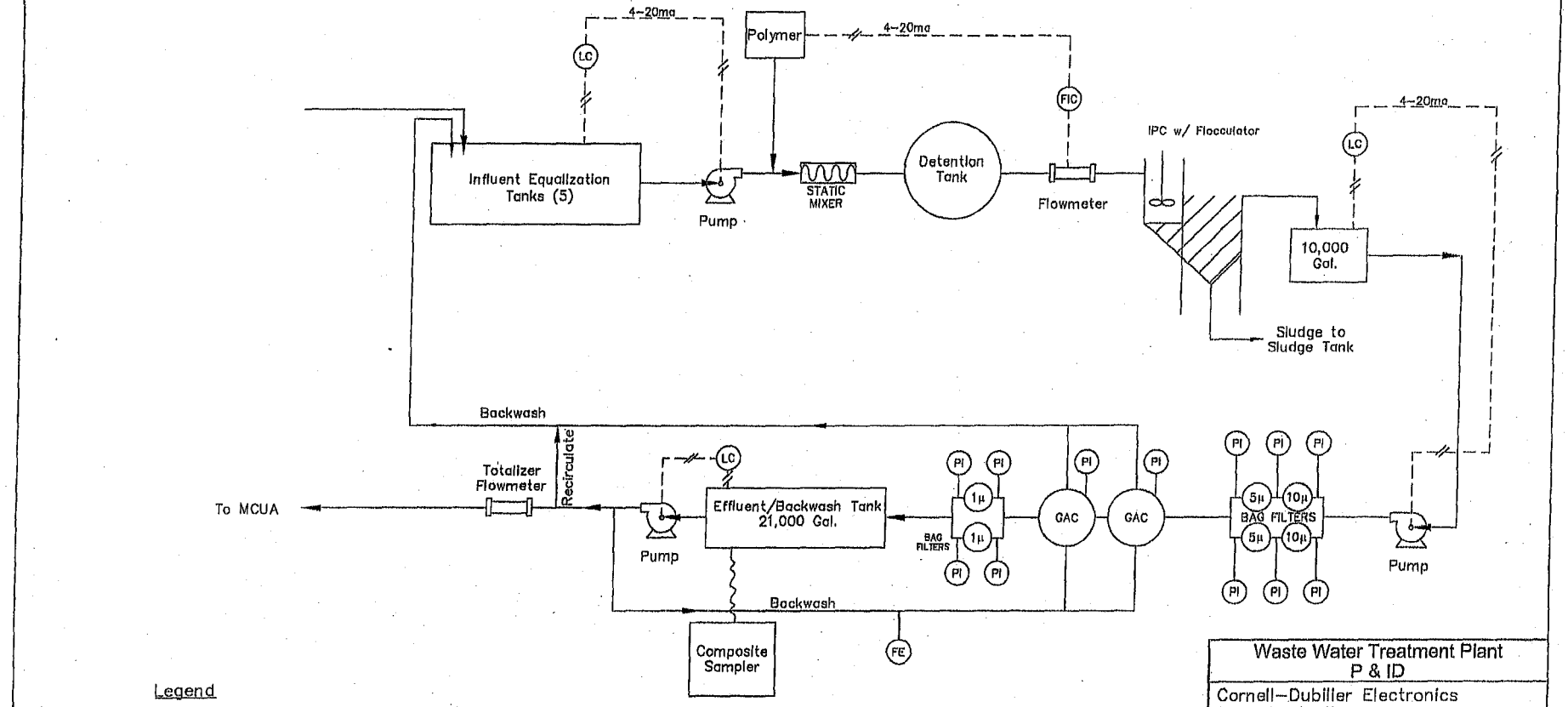
(2) Credit for generic pollutants such as biochemical oxygen demand (BOD), total suspended solids (TSS), oil and grease should not be granted unless the Industrial User demonstrates that the constituents of the generic measure in the User's effluent are substantially similar to the constituents of the generic measure in the intake water or unless appropriate additional limits are placed on process water pollutants either at the outfall or elsewhere.

(3) Credit shall be granted only to the extent necessary to meet the applicable categorical Pretreatment Standard(s), up to a maximum value equal to the influent value. Additional monitoring may be necessary to determine eligibility for credits and compliance with Standard(s) adjusted under this section.

(4) Credit shall be granted only if the User demonstrates that the intake water is drawn from the same body of water as that into which the Authority discharges. The Authority may waive this requirement if it finds that no environmental degradation will result.

(C) Applicability.

The applicable Categorical Pretreatment Standards contained in 40 CFR Subchapter N specifically provide that they shall be applied on a net basis.



DSN001

Legend

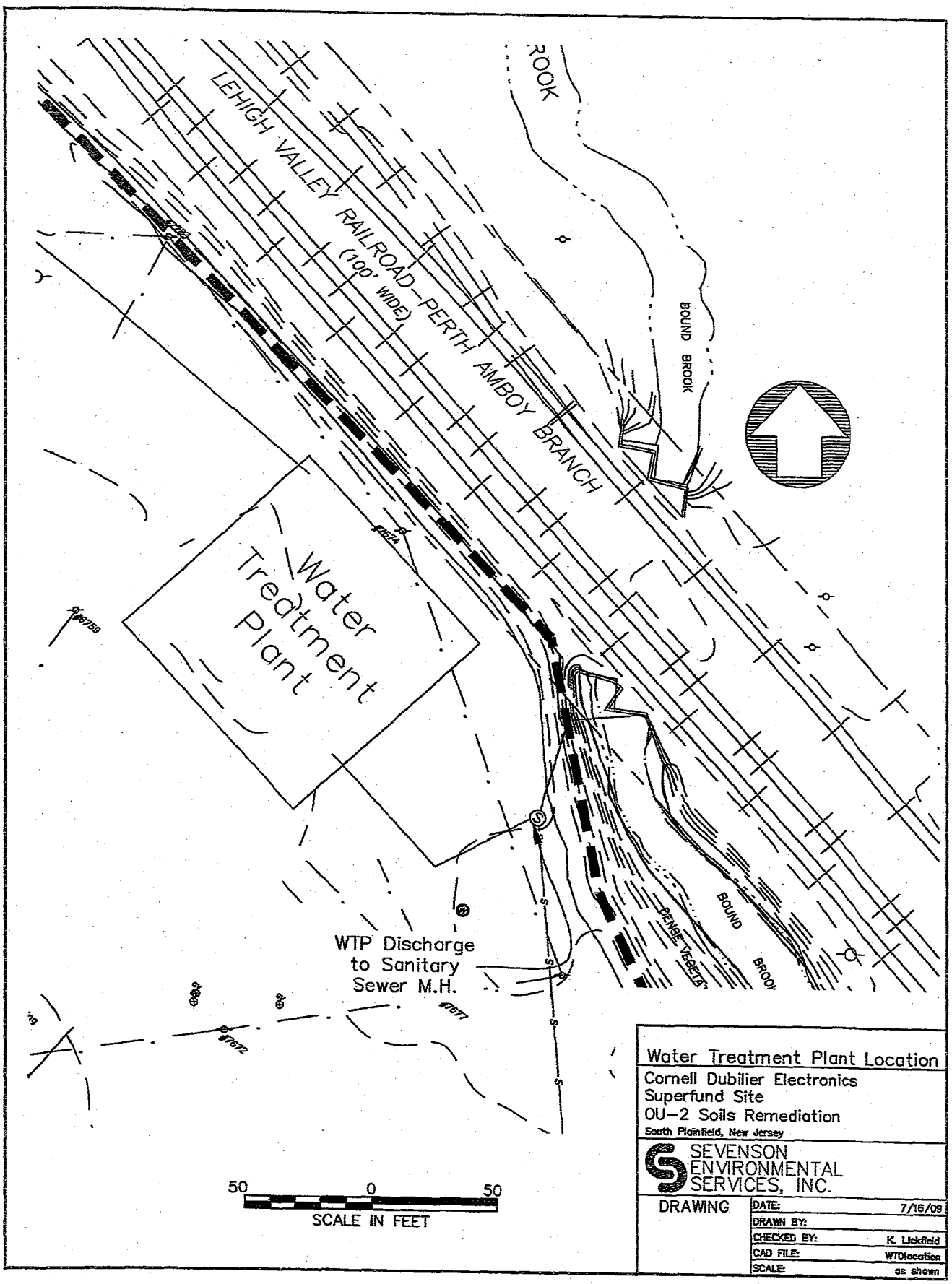
- (LC) – Level Controller
- (PI) – Pressure Indicator
- (FIC) – Flow Indicating Controller
- (FE) –Flow Element

Waste Water Treatment Plant
P & ID

Cornell–Dubilier Electronics
Superfund Site
OU–2 Soils Remediation
South Plainfield, New Jersey

SEVENSON ENVIRONMENTAL SERVICES, INC.

DRAWING	
DATE:	7/16/09
DRAWN BY:	C. Bigelow
CHECKED BY:	M. Walker/ T. Driscoll
CAD FILE:	wwtp-P&ID
SCALE:	none



Water Treatment Plant Location

Cornell Dubilier Electronics
Superfund Site
OU-2 Soils Remediation
South Plainfield, New Jersey

SEVENSON ENVIRONMENTAL SERVICES, INC.

DRAWING		
	DATE:	7/16/09
	DRAWN BY:	
	CHECKED BY:	K. Lickfield
	CAD FILE:	WTOlocation
	SCALE:	as shown

MIDDLESEX COUNTY UTILITIES AUTHORITY

SELF-MONITORING REPORT

INSTRUCTION MANUAL

TABLE OF CONTENTS

I. INTRODUCTION

The purpose of this Instruction Manual is to assist those entities that have been issued a MCUA Non-Domestic Wastewater Discharge permit, Discharge Approval or Temporary Discharge Approval (herein after referred to as the permittee) with completing and submitting Sel-Monitoring Reports to comply with the MCUA requirements. Any questions concerning the information contained in this Manual should be directed to the MCUA Industrial Pretreatment Program staff who can be contacted via phone (732) 721-3800 or e-mail (ipp@mcua.com).

In accordance with the provision of the Clean Water Enforcement Act (NJCWEA) (N.J.S.A. 58:10A-1 et seq.), permittees who monitor any parameter monthly or more frequently are required to submit monthly Self-Monitoring Reports (SMRs). These SMRs must include all values for parameters monitored during that month or "Code=N" in the appropriate sample measurement block(s) for any parameter not required to be monitored that month.

"Code=E" should be used to indicate all situations of laboratory non-reporting (late results) and invalid measurement and/or test results that have been accompanied by a laboratory statement explaining the situation. [Note: "CODE = E" entries should be explained in detail on the transmittal sheet]

It is also necessary that a monthly average for all parameter with the exception of pH be reported on your SMR in order to determine compliance with the NJCWEA Requirements. Please note, if only one sample is taken during the month, the same value must be reported for the monthly average and the daily maximum.

Please note that, if a permittee incurs a Serious Violation, a reporting omission for any parameter, or meets the Significant Non-Compliance criteria, the NJCWEA requires the initiation of monthly monitoring for that parameter until the violation does not occur for six (6) consecutive months.

Please note that the Federal Pretreatment Regulations (40CFR 403.12(g)(2)) requires that if sampling performed by an industrial user indicates a violation, the user shall notify the Authority within 24 hours of becoming aware of the violation. The user shall also repeat the sampling and analysis and submit the results of the repeat analysis to the Authority within 30 days after becoming aware of the violation.

II. MCUA PERMIT REPORTING FOR SELF-MONITORING REPORTS

In order to ensure the consistent reporting of compliance testing results to the Authority, when completing Self-Monitoring Reports (SMRs) for both concentration and mass values the permittee shall follow the directions provided.

II.1. TERMINOLOGY

A. **Laboratory analytical results fall within three categories regarding the presence of a particular pollutant:**

(1) **Detected and quantified** - the pollutant is present at or equal to a quantifiable level (e.g. - if the laboratory's analytical detection level equals 10 ug/l, the pollutant is present at 10 ug/l or at some value greater than 10 ug/l).

(2) **Detected but not quantified** - the pollutant is detected, but at a level below the laboratory analytical detection level and therefore can not be accurately quantified (e.g. - if the laboratory's analytical detection level is 10 ug/l, laboratories may report the pollutant at "<10 ug/l" or as some estimated value between 1 and 10 ug/l).

(3) **Non-detectable (ND)** - the pollutant can not be "seen" by the analytical methodology used.

B. **All examples in this document use the following abbreviations:**

<	=	less than
MGD	=	million gallons per day
ug/l	=	micrograms per liter (ppb)
mg/l	=	milligrams per liter (mg/l or ppm)
kg/day	=	kilograms per day

CODE = N For any parameter which is not required to be analyzed during that calendar month

CODE = E To indicate all situations of laboratory non-reporting and invalid measurement and/or test results that have been accompanied by a laboratory statement explaining the situation. [Note: "CODE = E" entries should be explained in detail on the transmittal sheet]

NODI No Discharge volume occurred from the facility during the monitoring period

II.2. PERMIT REPORTING FOR CONCENTRATION VALUES

A. **ND Values**

Reporting of ND is not permissible. If the laboratory reports that the pollutant is at a ND level, the permittee shall report less than (<) the analytical detection level which the laboratory reported for that analysis. For example, if the laboratory data looks like this:

	Result	Analytical Detection Level
Benzene	ND	<10 ug/l

REPORT: <10 ug/l

All directions given in the remainder of this section for the detected but not quantified case also apply to the non-detectable case, since it is reported as less than (<) the analytical detection level.

B. **Reporting Maximum Values for Concentration**

(1) If the analytical values are all detected and quantified, report the actual maximum value. For example:

One Month of Lab Data (ug/l)
29, 102, 48, 63

REPORT: 102 ug/l as the maximum

(2) If the analytical values are all detected but not quantified or non-detectable, report less than (<) the least sensitive reported analytical detection level of the laboratory for that data set. For example:

One Month of Lab Data (ug/l)
<17, <12, <10, <10

REPORT: <17 ug/l as the maximum

(3) If some analytical values are detected and quantified and some analytical values are detected but not quantified or non-detectable, report the largest quantified value as the maximum. For example:

One Month of Lab Data (ug/l)
10, <15, 20, <25

REPORT: 20 ug/l as the maximum

C. **Reporting Monthly Average Values for Concentration**

(1) If the analytical values are all detected and quantified, average all values and report this number. For example:

One Month of Lab Data (ug/l)
20, 80, 60, 40

REPORT: 50 ug/l as the average

(2) If the analytical values are all detected but not quantified or non-detectable, report less than (<) the least sensitive of the reported analytical detection levels achieved by the laboratory. For example:

One Month of Lab Data (ug/l)
<17, <12, <10, <10

REPORT: <17 ug/l as the average

(3) If some values are detected and quantified and some values are detected but not quantified or non-detectable, for purposes of calculating the average, substitute one-half the analytical detection level for all values reported as less than the laboratory's reported analytical detection level and then report the calculated average. For example:

One Month of Lab Data (ug/l)
50, ND (<10), 35, <20

REPORT: 25 ug/l as the average

II.3. PERMIT REPORTING FOR MASS VALUES

A. **The permittee shall measure and record the flow for each sampling period.** To calculate a mass value, the concentration value for the sampling period is multiplied by the measured flow for the same period with the appropriate unit conversion factors. The procedures for reporting the mass values are essentially the same as those for concentration values. However, mass values must be calculated for each individual sampling occurrence before daily maximum and monthly average values can be calculated and reported.

The permittee shall not calculate mass loadings based on ND values but shall calculate an individual mass loading based on the reported analytical detection level and report < the calculated loading, in this instance.

B. Reporting Maximum Values for Mass

(1) If the laboratory analytical concentration values are all detected and quantified, calculate individual mass loadings for each sampling event and report the maximum value. For example, if the permittee has a weekly monitoring requirement and a monthly reporting requirement, the data and calculated mass loadings may look like this:

	Concentration	Flow	Mass Loading
Week 1	50 ug/l	0.1000 MGD	0.0189 kg/day
Week 2	25 ug/l	0.2000 MGD	0.0189 kg/day
Week 3	40 ug/l	0.1500 MGD	0.0227 kg/day
Week 4	50 ug/l	0.2000 MGD	0.0378 kg/day

REPORT: 0.0378 kg/day as the maximum

(2) If the laboratory analytical values are all detected but not quantified or non-detectable, calculate individual mass loadings for each sampling event and report less than (<) the largest mass loading for that data set. For example:

	Concentration	Flow	Mass Loading
Week 1	<10 ug/l	0.1000 MGD	<0.0038 kg/day
Week 2	<10 ug/l	0.2000 MGD	<0.0076 kg/day
Week 3	<12 ug/l	0.2000 MGD	<0.0091 kg/day
Week 4	ND (<10 ug/l)	0.1000 MGD	<0.0038 kg/day

REPORT: <0.0091 kg/day as the maximum

(3) If some of the laboratory analytical concentration values are detected and quantified and some of the laboratory analytical values are detected but not quantified or non-detectable, calculate individual mass loadings for each sampling event and report the maximum quantified value. For example:

	Concentration	Flow	Mass Loading
Week 1	10 ug/l	0.1000 MGD	0.0038 kg/day
Week 2	<15 ug/l	0.2000 MGD	<0.0114 kg/day
Week 3	20 ug/l	0.1500 MGD	0.0114 kg/day
Week 4	<25 ug/l	0.2000 MGD	<0.0189 kg/day

REPORT: 0.0114 kg/day as the maximum

C. Reporting Monthly Average Values for Mass

(1) If the analytical values are all detected and quantified, calculate individual mass loadings for each sampling event, average all values, and report this value:

	Concentration	Flow	Mass Loading
Week 1	50 ug/l	0.1000 MGD	0.0189 kg/day
Week 2	25 ug/l	0.2000 MGD	0.0189 kg/day
Week 3	40 ug/l	0.1500 MGD	0.0227 kg/day
Week 4	50 ug/l	0.2000 MGD	0.0378 kg/day

REPORT: 0.0246 kg/day as the monthly average

(2) If all analytical values are detected but not quantified or non-detectable, calculate individual mass loadings for each sampling event and report the highest mass loading:

	Concentration	Flow	Mass Loading
Week 1	<10 ug/l	0.1000 MGD	<0.0038 kg/day
Week 2	<10 ug/l	0.2000 MGD	<0.0076 kg/day
Week 3	<12 ug/l	0.2000 MGD	<0.0091 kg/day
Week 4	ND (<10 ug/l)	0.1000 MGD	<0.0038 kg/day

REPORT: <0.0091 kg/day as the monthly average

(3) If some values are detected and quantified and some values are detected but not quantified or non-detectable, for purposes of calculating the average, substitute one-half the calculated mass loading for all values reported as less than the laboratory's reported analytical detection levels and then report the calculated average:

	Concentration	Flow	Mass Loading
Week 1	53 ug/l	0.1000 MGD	0.0201 kg/day
Week 2	<10 ug/l	0.2000 MGD	<0.0076 kg/day
Week 3	53 ug/l	0.2000 MGD	0.0401 kg/day
Week 4	<10 ug/l	0.1500 MGD	<0.0057 kg/day

0.0201 + 0.0038 + 0.0401 + 0.0028 = 0.0668 kg/day

0.0668 / 4 = 0.0167 kg/day

REPORT: 0.0167 kg/day as the monthly average

III. Submitting Self-Monitoring Reports via Mail

III.1. The Middlesex County Utilities Authority (MCUA) Mailing Address:

2571 Main Street
P.O. Box 159
Sayreville, NJ 08872-0159

Attention: Industrial Pretreatment Program (IPP)

III.2. Requirements

The SMR should be postmarked no later than the 25th day of the month following the completed reporting period and should be submitted to the Authority no later that the 1st day of the following month. For example, the SMR for the month of January should be postmarked no later than February 25th and is due on March 1st. Facilities which have ceased discharge are still required to submit SMRs until the MCUA permit has been officially terminated. These facilities should write "NODI" across the face of the SMR.

The Self-Monitoring Report Form prepared by the Authority for use by the permittee must be used for all Self-Monitoring Report Submissions. Permittees who wish to use an alternate SMR form shall receive approval prior to their use. Until such time that the alternate form is approved by the MCUA, the enclosed SMR form shall be used. (NOTE: If there is a discrepancy between the permit and the SMR form, the permit shall take precedence).

If there is any inaccuracy in the SMR as submitted to the MCUA, you must immediately submit a copy of the SMR, with all necessary corrections noted thereon. All corrections must be made on the SMR in red ink and each revised value must be initialed and dated by the original signatory.

In lieu of submitting the SMRs by mail, the SMR can be submitted to the Authority electronically via the Authority website (www.mcua.com). The Authority strongly encourages permittees to use the Authority website to comply with the referenced permit monitoring and reporting requirements. If a permittee chooses not to submit SMRs via the Authority website, copies of the enclosed SMR, should be made and used as needed.

IV. Submitting Self-Monitoring Reports Electronically

IV.1. Data Entry Instructions

A. Website Address
- Access via MCUA.com website and click Submit SMR

B. Accounts
- How to login
  - User name, "contact" password
    NOTE: The contact password can **ONLY** enter data and save the form
  - User name, "authorized representative/signer" password
    NOTE: The authorized representative/signer password can also enter data and save the form and is **required for submitting** the form

- Once logged in, the password can be changed by clicking Change Password.

C. Entering an SMR; click on Enter New Information
- Enter header – Discharge Point, Start Date, End Date
- Mark any Operating Exceptions
- Enter Comments, if necessary
- Enter Flow on day sampled (if necessary) [Note: G(M) is Million Gallons]

- Click Edit All

  Under Quantity or Loading
  - Enter Flow: Average, Maximum and No. of Vio(lations)

  Under Quality or Concentration
  - Enter pH: Minimum, Maximum and No. of Vio(lations)
  - Fill out all required parameters, such as BOD5: Average, Maximum and No. of Vio(lations)

  NOTE: If only one sample was taken in a given month, the Average and Maximum are the same value.

  NOTE: Quantity or Loading will be calculated automatically (if a flow was entered for day of sampling).

  NOTE: Below DL (Detection Limit) and other special codes
  - Y: Value reported is below the Minimum Detection Limit.
  - <: Value reported is below the Minimum Detection Limit.
  - J: Value reported is from a sample where the holding time has been exceeded.
  - K: Value reported was detected but is less than the limit of detection of the analytical procedure.
  - L: Actual value is known to be greater than value reported.
  - T: Actual value is known to be less than the value reported. Use when the result of analysis is non-detection with the limit of detection of the analytical procedure as the value reported.
  - U: Parameter was analyzed for, but not detected.

- Enter Reporting Code – NODI, etc.
  - Code=C: Sample not taken due to accompanying certification statement
  - Code=E: Indicates situations of improper laboratory analysis, invalid measurement and/or test results. A statement should accompany such results from the laboratory.
  - Code=N: Sample not required this monitoring period (i.e., Quarterly Monitoring).
  - Code=NODI: No discharge; therefore, no samples taken.

  [NOTE: The MCUA IPP Staff is advising permittees to enter any required sampling data and then enter any necessary Reporting Code]

- Click Update All
- Add Attachments, if necessary
- Enter Certification Statement, if applicable

D. Saving the SMR
- Click Save Form

E. Submitting the SMR (ONLY available if entering site using the Authorized Representative/signer password)
- Click box certifying that the information is true, accurate and complete.
- Enter Authorized Representative/signer password
- Click Submit Form

NOTE: A confirmation e-mail will be sent (as long as the e-mail address is in the MCUA software system).

F. Printing the SMR: view as a PDF (Adobe Acrobat file), then the Form can be printed and/or saved.

G. Logging off the Site
- Click Logout

H. SMR Revisions
- Once the SMR is "Submitted", data can no longer be added or modified. If there is any inaccuracy in the SMR as submitted to the MCUA, you must immediately submit a copy of the SMR, with all necessary corrections noted thereon. All corrections must be made on the SMR in red ink and each revised value must be initialed and dated by the original signatory, and mail the Form to the MCUA.

MIDDLESEX COUNTY UTILITIES AUTHORITY

Self-Monitoring Report
Transmittal Sheet

MCUA Permit No.:_____

Reporting Period:_____ through _____

Permitted facility: Name:_____

Address:_____

_____

Telephone No.:_____

OPERATING EXCEPTIONS

	Yes	No
Dye Testing	___	___
Temporary Bypassing	___	___
Monitoring Malfunctions	___	___
Units Out of Operation	___	___
Other	___	___

(Detail any "yes" on a separate sheet of paper.)

AUTHENTICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

_____ _____

Signature of Authorized Representative Date

_____

Type or Print Name and Title of Authorized Representative

MIDDLESEX COUNTY UTILITIES AUTHORITY (MCUA)
SELF-MONITORING REPORT (SMR)

PERMITTEE NAME / ADDRESS

NAME: Sevenson Env. Services/Cornell Dubilier Electronics

ADDRESS: 333 Hamilton Blvd.

South Plainfield, New Jersey

MCUA TDA NUMBER: 06-09 DISCHARGE POINT: DSN 001

MONITORING PERIOD: FROM _____ TO _____

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				# OF VIOS.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Flow	Sample Measurement				******	******	******				
	Permit Requirement	REPORT 30-DAY AVG.	40,000 DAILY MAX	GPD	******	******	******	***		CONTINUOUS	N/A
Flow (Total)	Sample Measurement				******	******	******				
	Permit Requirement	WEEKLY TOTAL	21,600,000 TOTAL TO DATE	GAL	******	******	******	***		CONTINUOUS	N/A
Flow (gpm)	Sample Measurement				******	******	******				
	Permit Requirement	REPORT 30-DAY AVG.	85 DAILY MAX	GPM	******	******	******	***		CONTINUOUS	N/A
Ph (Grab)	Sample Measurement	******	******			******					
	Permit Requirement	******	******	***	5.0 MINIMUM	******	10.0 MAXIMUM	S.U.		MONTHLY	GRAB
Total Petroleum Hydrocarbons	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	REPORT 30-DAY AVG.	100 DAILY MAX	MG L		MONTHLY	GRAB
Arsenic	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	1.000 30-DAY AVG.	3.000 DAILY MAX	MG L		MONTHLY	COMP.
Cadmium	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	0.260 30-DAY AVG.	0.690 DAILY MAX	MG L		MONTHLY	COMP.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS DOCUMENT AND ALL ATTACHMENTS AND THAT, BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION. I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.

NAME / TITLE OF AUTHORIZED REPRESENTATIVE	SIGNATURE OF AUTHORIZED REPRESENTATIVE	TELEPHONE: AREA CODE	TELEPHONE: NUMBER	DATE: YEAR	DATE: MO	DATE: DAY

ATTACH COMMENTS AND EXPLANATIONS OF ANY VIOLATIONS

MIDDLESEX COUNTY UTILITIES AUTHORITY (MCUA)
SELF-MONITORING REPORT (SMR)

PERMITTEE NAME / ADDRESS

NAME: Sevenson Env. Services/Cornell Dubilier Electronics

ADDRESS: 333 Hamilton Blvd.
South Plainfield, New Jersey

MCUA TDA NUMBER: 06-09 DISCHARGE POINT: DSN 001

MONITORING PERIOD: FROM _____ TO _____

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				# OF VIOS.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Chromium (Total)	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	0.360 30-DAY AVG.	0.230 DAILY MAX	MG L		MONTHLY	COMP.
Copper	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	0.360 30-DAY AVG.	1.100 DAILY MAX	MG L		MONTHLY	COMP.
Lead	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	0.400 30-DAY AVG.	0.600 DAILY MAX	MG L		MONTHLY	COMP.
Mercury	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	0.048 30-DAY AVG.	0.110 DAILY MAX	MG L		MONTHLY	COMP.
Nickel	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	0.170 30-DAY AVG.	0.360 DAILY MAX	MG L		MONTHLY	COMP.
Silver	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	0.240 30-DAY AVG.	0.430 DAILY MAX	MG L		MONTHLY	COMP.
Zinc	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	0.660 30-DAY AVG.	2.200 DAILY MAX	MG L		MONTHLY	COMP.

			TELEPHONE		DATE		
	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS DOCUMENT AND ALL ATTACHMENTS AND THAT, BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION. I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.				
NAME / TITLE OF AUTHORIZED REPRESENTATIVE		SIGNATURE OF AUTHORIZED REPRESENTATIVE	AREA CODE	NUMBER	YEAR	MO	DAY

ATTACH COMMENTS AND EXPLANATIONS OF ANY VIOLATIONS

MIDDLESEX COUNTY UTILITIES AUTHORITY (MCUA)
SELF-MONITORING REPORT (SMR)

PERMITTEE NAME / ADDRESS
NAME: Sevenson Env. Services/Cornell Dubilier Electronics

MCUA TDA NUMBER: 06-09 DISCHARGE POINT: DSN 001

ADDRESS: 333 Hamilton Blvd.

MONITORING PERIOD: FROM _____ TO _____

South Plainfield, New Jersey

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				# OF VIOS.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Total Toxic Organics	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	REPORT 30-DAY AVG.	2.13 DAILY MAX	MG L		MONTHLY	COMP./ /GRAB
Volatile Organics	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	REPORT 30-DAY AVG.	REPORT DAILY MAX	MG L		MONTHLY	GRAB
Base/Neutrals	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	REPORT 30-DAY AVG.	REPORT DAILY MAX	MG L		MONTHLY	COMP.
Acid Extractables	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	REPORT 30-DAY AVG.	REPORT DAILY MAX	MG L		MONTHLY	COMP.
Pentane	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	REPORT 30-DAY AVG.	REPORT DAILY MAX	MG L		MONTHLY	Comp.
Pesticides	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	BMDL 30-DAY AVG.	BMDL DAILY MAX	MG L		MONTHLY	COMP.
PCBs	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	REPORT 30-DAY AVG.	0.003 DAILY MAX	MG L		MONTHLY	COMP.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS DOCUMENT AND ALL ATTACHMENTS AND THAT, BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION. I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.

NAME / TITLE OF AUTHORIZED REPRESENTATIVE	SIGNATURE OF AUTHORIZED REPRESENTATIVE	TELEPHONE: AREA CODE	TELEPHONE: NUMBER	DATE: YEAR	DATE: MO	DATE: DAY

ATTACH COMMENTS AND EXPLANATIONS OF ANY VIOLATIONS

MIDDLESEX COUNTY UTILITIES AUTHORITY (MCUA)
SELF-MONITORING REPORT (SMR)

PERMITTEE NAME / ADDRESS

NAME: Sevenson Env. Services/Cornell Dubilier Electronics

ADDRESS: 333 Hamilton Blvd.

South Plainfield, New Jersey

MCUA TDA NUMBER: 06-09 DISCHARGE POINT: DSN 001

MONITORING PERIOD: FROM 1 November TO 30 November 2009

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				# OF VIOS.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Flow	Sample Measurement				******	******	******				
	Permit Requirement	REPORT 30-DAY AVG.	40,000 DAILY MAX	GPD	******	******	******	***		CONTINUOUS	N/A
Flow (Total)	Sample Measurement				******	******	******				
	Permit Requirement	WEEKLY TOTAL	21,800,000 TOTAL TO DAT	GAL	******	******	******	***		CONTINUOUS	N/A
Flow (gpm)	Sample Measurement				******	******	******				
	Permit Requirement	REPORT 30-DAY AVG.	85 DAILY MAX	GPM	******	******	******	***		CONTINUOUS	N/A
Ph (Grab)	Sample Measurement	*****	******			******					
	Permit Requirement	*****	******	***	5.0 MINIMUM	******	10.0 MAXIMUM	S.U.		MONTHLY	GRAB
Total Petroleum Hydrocarbons	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	REPORT 30-DAY AVG.	100 DAILY MAX	MG L		MONTHLY	GRAB
Arsenic	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	1.000 30-DAY AVG.	3.000 DAILY MAX	MG L		MONTHLY	COMP.
Cadmium	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	0.260 30-DAY AVG.	0.690 DAILY MAX	MG L		MONTHLY	COMP.

NODI

James Russell
Licensed Operator SES
NAME / TITLE OF AUTHORIZED REPRESENTATIVE

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS DOCUMENT AND ALL ATTACHMENTS AND THAT, BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.

SIGNATURE OF AUTHORIZED REPRESENTATIVE

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
908	769-5301	2009	12	10

ATTACH COMMENTS AND EXPLANATIONS OF ANY VIOLATIONS

FORM: SMR 2.1 REVISION: 6/02

MIDDLESEX COUNTY UTILITIES AUTHORITY (MCUA)
SELF-MONITORING REPORT (SMR)

PERMITTEE NAME / ADDRESS

NAME: Sevenson Env. Services/Cornell Dubilier Electronics

ADDRESS: 333 Hamilton Blvd.

South Plainfield, New Jersey

MCUA TDA NUMBER: 06-09 DISCHARGE POINT: DSN 001

MONITORING PERIOD: FROM 1 November TO 30 November 2009

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				# OF VIOS.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Chromium (Total)	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	0.360 30-DAY AVG.	0.230 DAILY MAX	MG L		MONTHLY	COMP.
Copper	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	[illegible] 30-DAY AVG.	1.100 DAILY MAX	MG L		MONTHLY	COMP.
Lead	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY		0.400 30-DAY AVG.	0.600 DAILY MAX	MG L		MONTHLY	COMP.
Mercury	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	0.048 30-DAY AVG.	0.110 DAILY MAX	MG L		MONTHLY	COMP.
Nickel	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	0.170 30-DAY AVG.	0.360 DAILY MAX	MG L		MONTHLY	COMP.
Silver	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	0.240 30-DAY AVG.	0.430 DAILY MAX	MG L		MONTHLY	COMP.
Zinc	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	0.660 30-DAY AVG.	2.200 DAILY MAX	MG L		MONTHLY	COMP.

NO DX

James Russell
Licensed Operator
NAME / TITLE OF AUTHORIZED REPRESENTATIVE

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SIGNATURE OF AUTHORIZED REPRESENTATIVE

TELEPHONE: AREA CODE 908 NUMBER 769-5301

DATE: YEAR 2009 MO 12 DAY 10

ATTACH COMMENTS AND EXPLANATIONS OF ANY VIOLATIONS

MIDDLESEX COUNTY UTILITIES AUTHORITY (MCUA)
SELF-MONITORING REPORT (SMR)

PERMITTEE NAME / ADDRESS
NAME: Sevenson Env. Services/Cornell Dubilier Electronics

ADDRESS: 333 Hamilton Blvd.
South Plainfield, New Jersey

MCUA TDA NUMBER: 06-09 DISCHARGE POINT: DSN 001

MONITORING PERIOD: FROM 1 November TO 30 November 2009

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				# OF VIOS.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Total Toxic Organics	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	REPORT 30-DAY AVG.	2.13 DAILY MAX	MG L		MONTHLY	COMP./ /GRAB
Volatile Organics	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	REPORT 30-DAY AVG.	REPORT DAILY MAX	MG L		MONTHLY	GRAB
Base/Neutrals	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	REPORT 30-DAY AVG.	REPORT DAILY MAX	MG L		MONTHLY	COMP.
Acid Extractables	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	REPORT 30-DAY AVG.	REPORT DAILY MAX	MG L		MONTHLY	COMP.
Pentane	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	REPORT 30-DAY AVG.	REPORT DAILY MAX	MG L		MONTHLY	Comp.
Pesticides	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	BMDL 30-DAY AVG.	BMDL DAILY MAX	MG L		MONTHLY	COMP.
PCBs	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	REPORT 30-DAY AVG.	0.003 DAILY MAX	MG L		MONTHLY	COMP.

NO DI

James Russell
Licensed Operator
NAME / TITLE OF AUTHORIZED REPRESENTATIVE

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS DOCUMENT AND ALL ATTACHMENTS AND THAT, BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.

James Russell
SIGNATURE OF AUTHORIZED REPRESENTATIVE

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
908	769-5301	2009	12	10

ATTACH COMMENTS AND EXPLANATIONS OF ANY VIOLATIONS

FORM: SMR 2.1 REVISION: 6/92

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE

(Read instructions on the reverse side prior to initiating this form)

DATE: 12/26/2010

TRANSMITTAL NO.: 02630-968

SECTION I - REQUEST FOR APPROVAL OF THE FOLLOWING ITEMS (This section will be initiated by the contractor)

TO: Environmental Residency
US Army Corps of Engineers
214 State Highway 18
East Brunswick, NJ 08816

FROM: Sevenson Environmental Services Inc.
2749 Lockport Road
Niagara Falls, NY 14305

CONTRACT NO.: W912DQ-04-D-0023 0011

CHECK ONE:
[X] THIS IS A NEW TRANSMITTAL
[ ] THIS IS A RESUBMITTAL OF TRANSMITTAL _____

SPECIFICATION SEC. NO. (Cover only one section with each transmittal) 02630

PROJECT TITLE AND LOCATION 01-Main Register
Cornell Dubilier OU2 Soils (LTTD) 333 Hamilton Boulevard, SP, NJ 07080

CHECK ONE: THIS TRANSMITTAL IS FOR [ ] FIO [X] GA [ ] DA [ ] CR

ITEM NO. a.	DESCRIPTION OF ITEM SUBMITTED (Type size, model number/etc.) b.	MFG OR CONTR. CAT., CURVE DRAWING OR BROCHURE NO. (See instruction no. 8) c.	NO. OF COPIES d.	CONTRACT REFERENCE DOCUMENT: SPEC. PARA. NO. e.	CONTRACT REFERENCE DOCUMENT: DRAWING SHEET NO. f.	FOR CONTRACTOR USE CODE g.	VARIATION (See Instruction No. 6) h.	FOR CE USE CODE i.
46	MCUA - Temporary Discharge Permit #3	RECORDS	6	1.2		A	N	

REMARKS

I certify that the above submitted items have been reviewed in detail and are correct and in the strict conformance with the contract drawings and specifications except as otherwise stated.

NAME AND SIGNATURE OF CONTRACTOR

SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED (List by item No.)	NAME, TITLE AND SIGNATURE OF APPROVING AUTHORITY	DATE

MIDDLESEX COUNTY UTILITIES AUTHORITY

MAIN OFFICES:
2571 MAIN STREET • P.O. BOX 159 • SAYREVILLE, NJ 08872-0159
(732) 721-3800 FAX: (732) 721-0206

MIDDLESEX COUNTY LANDFILL OFFICE:
53 EDGEBORO ROAD • EAST BRUNSWICK, NJ 08816-1636
(732) 246-4313 FAX: (732) 246-8846

RICHARD L. FITAMANT, EXECUTIVE DIRECTOR
MARGARET M. BRENNAN, COMPTROLLER
DONATO J. TANZI, WASTEWATER DIVISION
PAUL T. CLARK, SOLID WASTE DIVISION
JOHN A. HILA, ESQ., COUNSEL

REPLY TO:
☑ SAYREVILLE
☐ EAST BRUNSWICK

December 9, 2010

Kim W. Lickfield
Project Manager
Sevenson Environmental Services, Inc.
2749 Lockport Road
Niagara Falls, NY 14305

DEC 21 2010

Re: **Cornell Dubilier Electronics Superfund Site**
333 Hamilton Blvd.
South Plainfield, NJ
Approval No: 06-09

Dear Mr. Lickfield,

Please find enclosed the renewed Temporary Discharge Approval (TDA) for the referenced facility that has been prepared by the MCUA staff based upon the information in the TDA application dated November 11, 2010. The TDA shall be signed by the Applicant/Responsible Party and the appropriate wastewater conveyance entities and returned to the MCUA prior to the effective date of the TDA. Failure to return the fully executed TDA to the MCUA prior to the effective date may subject the applicant to enforcement proceedings for an unauthorized discharge to the MCUA Central Treatment Plant and its appurtenances pursuant to the provisions of the MCUA Rules and Regulations.

The enclosed Temporary Discharge Approval is issued for a one year period. If the Applicant wishes to renew the TDA, a TDA renewal application shall be submitted to the MCUA prior to the expiration date set forth in the enclosed TDA. Be advised the Applicant may be subject to enforcement proceedings if the discharge continues past the expiration date of the TDA.

It is requested that all correspondences regarding this TDA reference the Approval Number reference above. If you have any questions regarding this matter, please contact me at (732) 721-3800.

Very truly yours,

Kevin T. Ahello
Administrator
Environmental Quality

Cc: Richard L. Fitamant, Executive Director, MCUA
Donato J. Tanzi, Wastewater Division Manager/Chief Engineer, MCUA

I:\TDA\2009\06.09.doc

APPROVAL NO: 06-09R1

MIDDLESEX COUNTY UTILITIES AUTHORITY
TEMPORARY DISCHARGE APPROVAL

APPLICANT:	LOCATION:
Sevenson Environmental Services	Cornell Dubilier Electronics
2749 Lockport Road	333 Hamilton Blvd.
Niagara Falls, NY 14305	South Plainfield, NJ
EFFECTIVE DATE:	**EXPIRATION DATE:**
January 1, 2011	December 31, 2011

DESCRIPTION:

To operate a temporary water treatment facility to treat groundwater accumulated from the Superfund site activities and discharge to the MCUA via the Borough of South Plainfield and the Plainfield Area Regional Sewerage Authority wastewater collection systems.

I CONDITIONS

A. The approval is specific to the temporary discharge requested by Sevenson Environmental Services, Inc. (Applicant) in its correspondence of November 11, 2010 for the location cited above.

B. No discharge shall occur until all approvals and signatures in Section III of this Temporary Discharge Approval are obtained. A copy of the full executed Temporary Discharge Approval shall be forwarded to the MCUA prior to discharge. The effective date of this Temporary Discharge Approval is valid provided all required signatures are obtained prior to the effective date set forth above. If signatures are obtained after the effective date set forth above, the effective date of the Temporary Discharge Approval will be the date of the last signature obtained in Section III of this Temporary Discharge Approval.

C. The discharge rate shall be at a rate not to exceed 100 gpm and the total flow per day shall not exceed 48,000 gallons. The total volume of groundwater discharged over the term of this Temporary Discharge Approval shall not exceed 12,480,000 gallons.

D. MCUA reserves the right to modify the monitoring frequencies and discharge limitations set forth herein when necessary; to protect its collection system and/or treatment system, the public health and welfare or the environment; to satisfy any federal or state law, rule or regulation or any amendment thereof or supplement thereto or for other reasons as set forth in Section 5.17 or MCUA's Rules and Regulations. No discharge shall occur during storm events, if specifically requested by MCUA prior to, or during such an event.

E. The constituent concentrations of the discharge shall be below the discharge limitations set forth in Exhibit A and Section 3 of the MCUA Rules and Regulations attached hereto as Exhibit B. Furthermore, any and all applicable requirements of the MCUA Rules and Regulations apply to this discharge. The MCUA Rules and Regulations maybe obtained at: http://www.mcua.com/documents/rules/MCUARulesandRegulations

F. If necessary, the discharge shall be treated prior to discharge to assure compliance with the discharge limitations setforth in Exhibit A and B.

G. The Applicant shall sample the discharge for all parameters at the frequencies set forth in Exhibit A at the location indicated (DSN001) in Exhibit C. The samples shall be submitted to and analyzed by a NJDEP Certified Laboratory. The Applicant may request modifications to the monitoring frequencies, provided adequate monitoring and/or historical data is submitted to the MCUA demonstrating that all discharge limitations set forth in the Temporary Discharge Approval have been consistently met or the parameter is not present. No modification of the Temporary Discharge Approval shall be effective until such time written approval is issued by the MCUA.

H. The Applicant shall, to the maximum extent permitted by applicable law, hold and save MCUA, and any third parties to which MCUA may be liable, harmless of and from any and all injury and damage suffered, as a result of any discharge from the Applicant which does not comply with the discharge limitations set forth herein and/or any discharge limitations with which the Applicant must comply by law.

I. The Applicant shall notify the MCUA forty-eight (48) hours prior to the start of the discharge and twenty-four (24) hours prior to the termination of the discharge permitted by this Temporary Discharge Approval.

J. MCUA reserves the right to TERMINATE the discharge in the event (a) the Applicant fails to comply with the stipulations setforth herein to discharge to the sanitary sewer and/or (b) the discharge poses a threat to MCUA's collection and/or treatment system, the public health and welfare and/or the environment. Or other reasons as set forth in Section 5.19 of the MCUA's Rules & Regulations. MCUA shall endeavor to provide the Applicant such prior notice of termination as may be reasonable under all of the circumstances then pertaining at the time MCUA determines that the discharge should be terminated.

K. MCUA reserves the right to sample and analyze the discharge at any time and the costs for sampling and analysis will be charged to and paid by the Applicant. In accordance with Section 14 of the MCUA's Rules & Regulations.

L. From the effective date of this Temporary Discharge Approval the Applicant shall submit to the MCUA a monitoring and flow data report on a monthly basis postmarked no later than the 25th day of the month following the completed reporting period and which must be received by the Authority no later then the 1st day of the following month. For example, the report for the month of January should be postmarked no later than February 25th and is due on March 1st. *All monitoring and flow data shall be submitted to the MCUA on the Self Monitoring Report (SMR) forms attached hereto as Exhibit D or electronically via the MCUA Web site. (www.mcua.com).*

Please be advised, SMR's shall be submitted each month identifying the quantity and quality of the discharge or no discharge (NODI) for the reporting period.

M. Nothing in this approval shall be construed to relieve the Applicant from civil or criminal penalties for non-compliance with this approval or from any responsibilities, liabilities, or penalties established pursuant to Section 10 of the MCUA Rules & Regulations and applicable federal, state or local law or regulation. Nothing in this approval shall preclude or limit the MCUA from taking any legal or administrative action against the Applicant for any violation of this approval or the MCUA Rules & Regulations or any applicable federal, state or local law or regulation.

II FEE:

The Applicant shall pay to the MCUA a Temporary Discharge Connection Fee for discharging groundwater generated from the remediation activities at the applicants site, designated in this approval, into the MCUA wastewater facilities. The MCUA shall invoice the applicant quarterly based on the flows submitted by the applicant in its monitoring report submittals required pursuant to Section L of this approval. The applicant shall pay the invoice within thirty days of receipt. For this approval the fee shall be assessed at $12,584.42 per million gallons in accordance with Section 14.2 of the MCUA's Rules and Regulations. Failure to pay the invoiced fee by the applicant will terminate this Temporary Discharge Approval and the MCUA will initiate enforcement action against the applicant for an unauthorized discharge pursuant to Section 10 of the MCUA Rules and Regulations.

Any modifications to the flow monitoring equipment shall receive written approval from the MCUA.

III APPROVALS:

A. MCUA

The MCUA has no objection to this temporary discharge provided all conditions of this Temporary Discharge Approval are complied with and satisfied.

12/9/10

AUTHORIZED REP. DATE
KEVIN T. AIELLO
ADMINSTRATOR ENVIRONMENTAL QUALITY

B. OWNER OF WASTEWATER CONVEYANCE SYSTEM

The Borough of South Plainfield has no objection to this temporary discharge provided all conditions of this approval are complied with and, if applicable, the additional conditions set forth hereto as Exhibit E*of the approval. Furthermore, the Borough of South Plainfield hereby certifies that to the best of its knowledge the wastewater conveyance system, into which this temporary discharge will connect, has adequate capacity to accept such discharge and we are not aware of inadequate conveyance capacity conditions in any portion of the downstream facilities necessary to convey the discharge to the MCUA.

AUTHORIZED REPRESENTATIVE DATE

NAME: Glenn F. Collen
TITLE: CFO/Administrator

* Additional conditions requested by the owner of wastewater conveyance system shall be setforth in this approval as attached hereto as Exhibit E.

The Plainfield Area Regional Sewerage Authority has no objection to this temporary discharge provided all conditions of this approval are complied with and, if applicable, the additional conditions set forth hereto as Exhibit E*of the approval. Furthermore, the Plainfield Area Regional Sewerage Authority hereby certifies that to the best of its knowledge the wastewater conveyance system, into which this temporary discharge will connect, has adequate capacity to accept such discharge and we are not aware of inadequate conveyance capacity conditions in any portion of the downstream facilities necessary to convey the discharge to the MCUA.

12-22-2010

AUTHORIZED REPRESENTATIVE DATE

NAME: Robert A. Vellet
TITLE: Executive Director

*Additional conditions requested by the owner of wastewater conveyance system shall be setforth in this approval as attached hereto as Exhibit E.

C. ACCEPTANCE OF CONDITIONS BY THE APPLICANT/RESPONSIBLE PARTY

The Applicant concurs with all the conditions setforth in this Temporary Discharge Approval.

[signature] 12/22/10

AUTHORIZED REPRESENTATIVE* DATE

NAME: ALFRED R LAGRECA

TITLE: VICE PRES.

*Definition of Authorization rep: 40 CFR Part 403.12(l)

Exhibit A
Middlesex County Utilities Authority
Monitoring Requirements and Discharge Limitations

Applicant: Sevenson Environmental Services
Effective Date: January 1, 2011 TDA No. 06-09R1
Expiration Date: December 31, 2011

Parameter	Daily Maximum	Monthly Average	Monitoring Frequency	Sampling Type	Reporting Frequency
Arsenic (Total)	3.000	1.000	Monthly [5]	Composite	Monthly
Cadmium (Total)	0.690	0.260	Monthly [5]	Composite	Monthly
Chromium (Total)	0.230	0.120	Monthly [5]	Composite	Monthly
Copper (Total)	1.100	0.360	Monthly [5]	Composite	Monthly
Lead (Total)	0.600	0.400	Monthly [5]	Composite	Monthly
Mercury (Total)	0.110	0.048	Monthly [5]	Composite	Monthly
Nickel (Total)	0.360	0.170	Monthly [5]	Composite	Monthly
Silver (Total)	0.430	0.240	Monthly [5]	Composite	Monthly
Zinc (Total)	2.200.	0.660	Monthly [5]	Composite	Monthly
Total Toxic Organic [2]	2.130	N/L [3]			
Volatile Compounds			Monthly [5]	Grab	Monthly
Base/Neutral Compounds			Monthly [5]	Composite	Monthly
Acid Extractable Compound			Monthly [5]	Composite	Monthly
Pesticides	BMDL [4]	BMDL	Monthly [5]	Composite	Monthly
PCB's	0.003	N/L	Monthly [5]	Composite	Monthly
pH (Standard Units)	5.0 < 10.0		Monthly [5]	Grab	Monthly
Total Petroleum Hydrocarbons	100.000	N/L	Monthly [5]	Grab	Monthly
Flow (Total Gallons)	Not to exceed	21.8 MG	Continuous	Continuous	Monthly
Flow (GPD)	48,000		Continuous	Continuous	Monthly
Flow (GPM)	100		Continuous	Continuous	Monthly

[1] All units in mg/l, unless otherwise noted
[2] Total Toxic Organic are defined in Attachment 1-A
[3] N/L No Limitations Establised At this Time
[4] MDL: Below Minimum Detection Limit
[5] Monitor each discharge event for five months. Applicant may request a reduction in monitoring frequencies pursuant to Item G of this TDA

ATTACHMENT 1-A

TOTAL TOXIC ORGANICS

The Term "TTO" shall mean Total Toxic Organics, which is the summation of all quantifiable values greater than 0.01 milligrams per liter(10 ppb) for the following toxic organics:

Base/Neutrals Organics

Acenaphthene
Acenaphthylene
Anthracene
Benzidine
Benzo(a)anthracene
Benzo(a)pyrene
Benzo(ghi)perylene
Benzo(k)fluoranthene
3,4,-Benzofluoranthene
Bis(2-chloroethoxy)methane
Bis(2-chloroethyl)ether
Bis(2-chloroisopropyl)ether
Bis(2-ethylhexyl)phthalate
4-Bromophenyl phenyl ether
Butyl benzyl phthalate
2-Chloronaphthalene
4-Chorophenyl phenyl ether
Chrysene
Di-n-butyl phthalate
Di-n-octyl phthalate
Dibenzo(a,h)anthracene
1,2-Dichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
1,2,4-Trichlrobenzene
Diethyl phthalate
Dimethyl phthalate
2,4-Dinitrotoluene
2,6-Dinitrotoluene
1,2-Diphenylhyrazine
Fluoranthene
Fluorene
Hexachlorobenzene
Hexachlorobutadiene
Hexachlorocyclopentadiene
Hexachloroethane
Indeno(1,2,3-cd)pyrene
Isophorone
Naphthalene
Nitrobenzene
N-nitrosodi-n-propylamine
N-nitrosodimethylamine
N-nitrosodiphenylamine
Phenathrene
Pyrene
3,3-dichlorobenzidine
2,3,7,8-tetrachloro-dibenzo-p-dioxin

Acid Extractables

2-Chlorophenol
2,4-Dichlorophenol
2,4-Dimethylphenol
4,6-Dinitro-o-cresol
2,4-Dinitrophenol
2-Nitrophenol
4-Nitrophenol
p-Chloro-m-cresol
Pentachlorophenol
Phenol
2,4,6-Trichlorophenol

Pesticides/PCBs

Aldrin
alpha-BHC
beta-BHC
gamma-BHC (Lindane)
delta-BHC
Chlordane
4,4'-DDD
4,4'-DDE
4,4'-DDT
Dieldrin
alpha-Endosulfan
beta-Endosulfan
Endosulfan sulfate
Endrin
Endrin aldehyde
Heptachlor
Heptachlor epoxide
Toxaphene
PCB-1016
PCB-1221
PCB-1232
PCB-1242
PCB-1248
PCB-1254
PCB-1260

Volatile

Acrolein
Acrylonitrile
Benzene
Bis(chloromethyl) ether
Bromoform
Carbon tetrachloride
Chlorobenzene
Chlorodibromomethane
Chloroethane
2-Chloroethyl vinyl Ether
Chloroform
Dichlorobromomethane
Dichlorodifluoromethane
1,1-Dichloroethane
1,2-Dichloroethane
1,1-Dichloroethylene
1,2-Dichloropropane
1,3-Dichloropropylene
Ethylbenzene
Methyl bromide
Methyl chloride
Methylene chloride
1,1,2,2-Tetrachloroethane
Tetrachloroethylene
Toluene
1,2,-trans-Dichloroethylene
1,1,1-Trichloroethane
1,1,2-Trichloroethane
Trichloroethylene
Trichlorofluromethane
Vinyl Chloride
Xylene

SECTION 2 - PARTICIPANT APPLICATION FOR SERVICE

New Participants in the System will be considered upon request to the MCUA and acceptance by the applicant of the terms and conditions of the Agreement, and these Rules and Regulations and any modifications thereto then in effect between the MCUA and its existing Participants. New Participants shall provide metering and sampling facilities to comply with Section 6.13 and 7.1-7.8 of these Rules and Regulations; the design of the facilities shall be in accordance with sound engineering practice and Plans and Specifications for same shall be subject to approval by the MCUA prior to construction. All costs of construction, procurement of land and materials for the facilities shall be borne by the Participant. The facilities and necessary land shall then be deeded to the MCUA.

SECTION 3 - GENERAL SEWER USE REQUIREMENTS

3.1 Prohibited Discharge Standards

(A) General Prohibitions.

(1) No user shall introduce or cause to be introduced into the MCUA any pollutant or wastewater which cause a violation of any regulatory permits (i.e., Federal, State, and/or Local) issued to the MCUA; or causes interference, pass through or upset; or pose a threat to human health and safety; or causes damage to the MCUA's treatment works. These general prohibitions and the specific prohibitions in paragraph (B) of this section apply to all users of the MCUA whether or not they are subject to categorical pretreatment standards or any other National, State, or local pretreatment standards or requirements. A violation under this section is non-minor and, therefore, not subject to a grace period.

(2) Pollutants, substances, or wastewater prohibited by this section shall not be processed or stored in such a manner that they could be discharged to the MCUA. A violation under this section is non-minor and, therefore, not subject to a grace period.

(B) Specific Prohibitions. A violation under this section is non-minor and, therefore, not subject to a grace period. No user shall introduce or cause to be introduced into the POTW the following pollutants, substances, and/or wastewater:

(1) Wastewater of such a nature and in such a quantity as to impair the hydraulic capacity of the POTW;

(2) Pollutants of such a nature as to, by either chemical or mechanical action, impair the strength or the durability of the sewer structures;

(3) Pollutants which creates a fire or explosive hazard in the POTW, including, but not limited to, wastestreams with a closed-cup flashpoint of less than 140°F (60°C) using the test methods specified in 40 CFR 261.21;

(4) Solid or viscous substances in amounts which will cause obstruction of the flow in the POTW resulting in interference;

(5) Pollutants which will cause corrosive structural damage to the POTW, and the discharge pH shall be equal to or greater than 5.0, and less than 12.5. However, in the case of continuous pH monitoring, the compliance level shall be 99% with an absolute minimum of 4.0 and an absolute maximum of 12.5;

(6) Wastewater which includes any radioactive substance, unless the MCUA shall have given written consent to its inclusion; but in no case, a radioactive discharge which does not comply with Federal Regulations (10 CFR Part 20 et.seq.) and/or State Regulations (N.J.A.C. 7:28-1.1 et.seq.);

(7) Wastewater which includes any garbage or ground garbage other than that received directly into public sewers from residences, unless the MCUA shall have given written consent to its inclusion;

(8) Wastewater which contains any unpolluted waters that may be discharged to a separate storm sewer, which includes, but is not limited to storm water and or non-contact cooling water, unless the MCUA shall have given written consent to its inclusion;

(9) Wastewater which contains heat in amounts which will inhibit biological activity in the sewage treatment plant resulting in Interference, but in no case heat in such quantities that the temperature at the sewage treatment plant exceeds 40°C (104°F);

(10) Wastewater which has a monthly average concentration higher than 100 mg/l of petroleum oil, non-biodegradable cutting oils, or product of mineral oil origin, unless the MCUA shall have given written consent to its inclusion; but in no case, a daily maximum concentration greater than 150 mg/l;

(11) Pollutants, including oxygen demanding pollutants (BOD, etc.) released in a Discharge at a flow rate and/or pollutant concentration which, either singly or by interaction with other pollutants, will cause interference, pass through, or upset with the sewage treatment plant;

(12) Substances which are not amenable to treatment or reduction by the sewage treatment processes employed, or are amenable to treatment only to such a degree that the sewage treatment plant effluent cannot meet the requirements of the regulatory agencies having jurisdiction over discharge to the receiving waters, emissions of pollutants to the air or result in concentrations in the sludge produced at the sewage treatment plant which do not meet the requirements of the regulatory agencies or of the sludge management process being used;

(13) Pollutants which, either alone or by interaction with other wastes, are malodorous, are capable of creating a public nuisance or hazard to life or health, or are present in sufficient concentrations to prevent entry into the Trunk System for its maintenance and repair, or result in the presence of toxic gases, vapors, or fumes within the MCUA's treatment works in a quantity that may cause acute health and safety problems;

(14) Wastewater which contains heavy metals, toxic materials or any other materials which in concentrations discharged into the Sanitary Sewer or Trunk Sewer will have a deleterious effect on the wastewater treatment process, sludge processing, the plant effluent, air emissions or the sludge produced.

(15) Any trucked or hauled pollutants, except at discharge points designated by the MCUA;

(16) Medical wastes, except as specifically authorized by the MCUA;

(17) Sludges, screenings, or other residues from the pretreatment of industrial wastes;

(C) When Specific Limits Must Be Developed.

(1) The MCUA shall develop and enforce specific limits to implement the prohibitions listed in paragraphs 3.1(A) and (B) of this section. The MCUA shall develop these limits as necessary and effectively enforce such limits.

(2) Specific effluent limits shall not be developed and enforced without individual notice to persons or groups who have requested such notice and an opportunity to respond.

(D) Local Limits. The MCUA reserves the right to develop specific prohibitions or limits on pollutants or pollutant parameters in accordance with paragraph (C) above, such limits shall be deemed Pretreatment Standards for the purposes of section 307(d) of the Act. A violation under this section is non-minor and, therefore, not subject to a grace period.

(E) Best Management Practices. The MCUA may develop Best Management Practices (BMPs) to assure compliance with Sections 3.1 and 3.5 of these Rules and Regulations. Such BMPs shall be considered local limits and Pretreatment Standards for the purposes of this part and section 307(d) of the Act. A violation under this section is non-minor and, therefore, not subject to a grace period.

3.2 General Pretreatment Standards

40 CFR 403.1 et. seq. is hereby incorporated by reference, including all supplements and amendments thereto. A violation under this section is non-minor and, therefore, not subject to a grace period.

3.3 National Categorical Pretreatment Standards

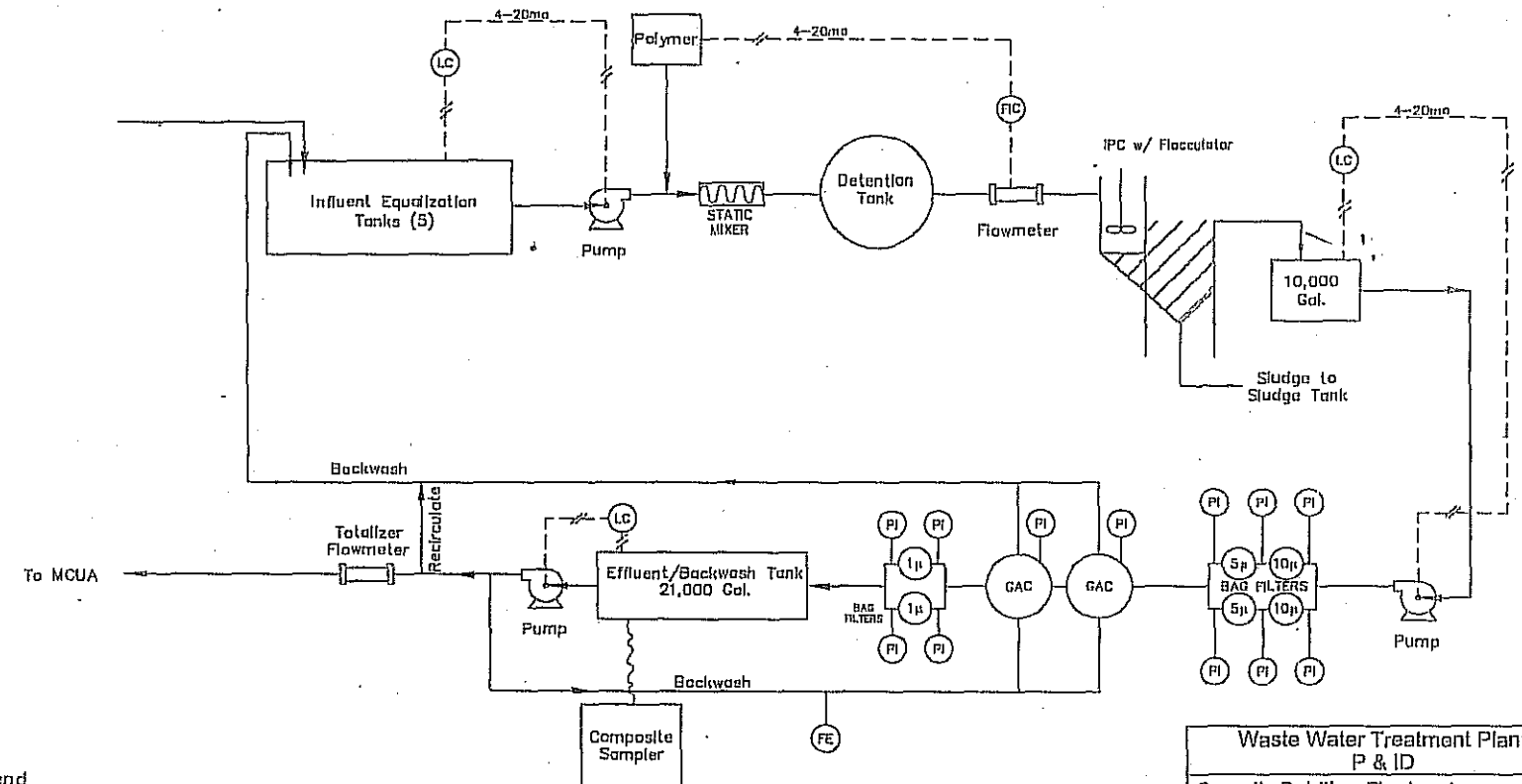
(A) 40 CFR 403 et. seq. is hereby incorporated by reference, including all supplements and amendments thereto. Upon the effective date of the National Categorical Pretreatment Standard for a particular industrial subcategory, the Federal Standard, if more stringent than limitations imposed under these Rules and Regulations for sources in that subcategory, shall immediately supersede the limitations imposed under these Rules and Regulations and affected Industrial Users shall comply with such standards within the stated deadlines. The MCUA shall notify affected industrial users of their applicable reporting requirements. A violation under this section is non-minor and, therefore, not subject to a grace period.

(B) Equivalent Concentration Limitations. The MCUA may convert the mass limitations of the categorical Pretreatment Standards at 40 CFR parts 414, 419, and 455 to concentration limits for purposes of calculating limitations applicable to individual Industrial Users. When converting such limits to concentration limits, the MCUA will use the concentrations listed in the applicable subparts of 40 CFR parts 414, 419, and 455 and document that dilution is not being substituted for treatment as prohibited by Section 3.7 of these Rules and Regulations.

(1) Equivalent Concentration Limitations calculated in accordance with Section B above are deemed Pretreatment Standards for the purposes of section 307(d) of the Act and this part. Once incorporated into its Control Document, the Industrial User must comply with the Equivalent Concentration Limitations in lieu of the promulgated categorical standards from which the Equivalent Concentration Limitations were derived.

(2) Many categorical Pretreatment Standards specify one limitation for calculating maximum daily discharge limitations and a second limitation for calculating maximum monthly average, or 4-day average, limitations. Where such Standards are being applied, the same production or flow figure shall be used in calculating both the average and the maximum Equivalent Concentration Limitations.

(3) Any Industrial User operating under a Control Document incorporating Equivalent Concentration limitations calculated from a production based standard shall notify the MCUA within two (2) business days after the User has a reasonable basis to know that the production level will significantly change within the next calendar month. Any User not notifying



DSN001

Legend

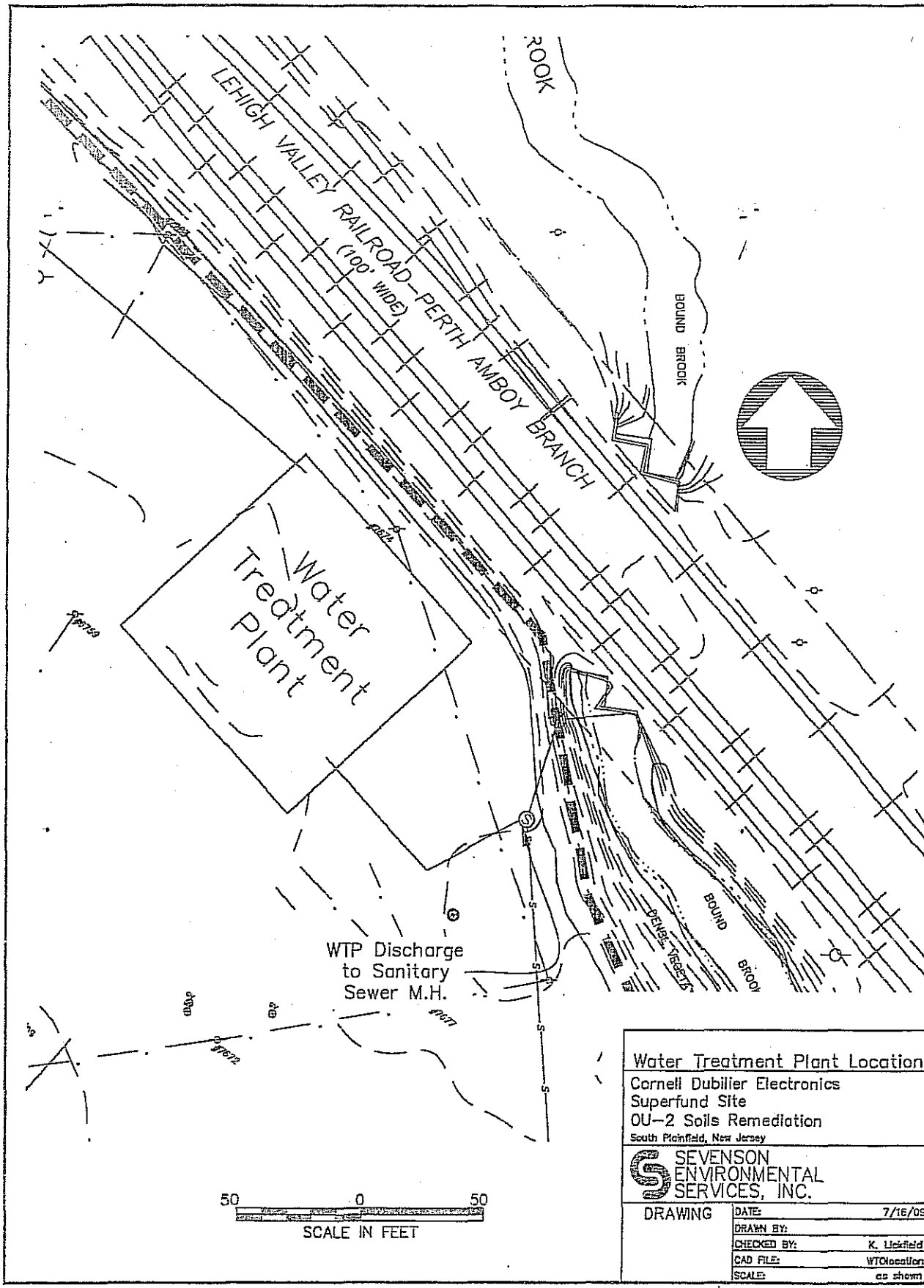
- (LC) – Level Controller
- (PI) – Pressure Indicator
- (FIC) – Flow Indicating Controller
- (FE) – Flow Element

Waste Water Treatment Plant
P & ID

Cornell–Dubilier Electronics
Superfund Site
OU–2 Soils Remediation
South Plainfield, New Jersey

SEVENSON ENVIRONMENTAL SERVICES, INC.

DRAWING	
DATE:	7/10/09
DRAWN BY:	C. Bigelow
CHECKED BY:	M. Walker/ T. Driscoll
CAD FILE:	wwtp-P&ID
SCALE:	none



Water Treatment Plant Location

Cornell Dubilier Electronics
Superfund Site
OU-2 Soils Remediation
South Plainfield, New Jersey

SEVENSON ENVIRONMENTAL SERVICES, INC.

DRAWING		
	DATE:	7/16/09
	DRAWN BY:	
	CHECKED BY:	K. Lickfield
	CAD FILE:	WTOlocation
	SCALE:	as shown

MIDDLESEX COUNTY UTILITIES AUTHORITY

SELF-MONITORING REPORT

INSTRUCTION MANUAL

TABLE OF CONTENTS

I. INTRODUCTION

The purpose of this Instruction Manual is to assist those entities that have been issued a MCUA Non-Domestic Wastewater Discharge permit, Discharge Approval or Temporary Discharge Approval (herein after referred to as the permittee) with completing and submitting Sel-Monitoring Reports to comply with the MCUA requirements. Any questions concerning the information contained in this Manual should be directed to the MCUA Industrial Pretreatment Program staff who can be contacted via phone (732) 721-3800 or e-mail (ipp@mcua.com).

In accordance with the provision of the Clean Water Enforcement Act (NJCWEA) (N.J.S.A. 58:10A-1 et seq.), permittees who monitor any parameter monthly or more frequently are required to submit monthly Self-Monitoring Reports (SMRs). These SMRs must include all values for parameters monitored during that month or "Code=N" in the appropriate sample measurement block(s) for any parameter not required to be monitored that month.

"Code=E" should be used to indicate all situations of laboratory non-reporting (late results) and invalid measurement and/or test results that have been accompanied by a laboratory statement explaining the situation. [Note: "CODE = E" entries should be explained in detail on the transmittal sheet]

It is also necessary that a monthly average for all parameter with the exception of pH be reported on your SMR in order to determine compliance with the NJCWEA Requirements. Please note, if only one sample is taken during the month, the same value must be reported for the monthly average and the daily maximum.

Please note that, if a permittee incurs a Serious Violation, a reporting omission for any parameter, or meets the Significant Non-Compliance criteria, the NJCWEA requires the initiation of monthly monitoring for that parameter until the violation does not occur for six (6) consecutive months.

Please note that the Federal Pretreatment Regulations (40CFR 403.12(g)(2)) requires that if sampling performed by an industrial user indicates a violation, the user shall notify the Authority within 24 hours of becoming aware of the violation. The user shall also repeat the sampling and analysis and submit the results of the repeat analysis to the Authority within 30 days after becoming aware of the violation.

II. MCUA PERMIT REPORTING FOR SELF-MONITORING REPORTS

In order to ensure the consistent reporting of compliance testing results to the Authority, when completing Self-Monitoring Reports (SMRs) for both concentration and mass values the permittee shall follow the directions provided.

II.1. TERMINOLOGY

A. Laboratory analytical results fall within three categories regarding the presence of a particular pollutant:

(1) Detected and quantified - the pollutant is present at or equal to a quantifiable level (e.g. - if the laboratory's analytical detection level equals 10 ug/l, the pollutant is present at 10 ug/l or at some value greater than 10 ug/l).

(2) Detected but not quantified - the pollutant is detected, but at a level below the laboratory analytical detection level and therefore can not be accurately quantified (e.g. - if the laboratory's analytical detection level is 10 ug/l, laboratories may report the pollutant at "<10 ug/l" or as some estimated value between 1 and 10 ug/l).

(3) Non-detectable (ND) - the pollutant can not be "seen" by the analytical methodology used.

B. All examples in this document use the following abbreviations:

<	=	less than
MGD	=	million gallons per day
ug/l	=	micrograms per liter (ppb)
mg/l	=	milligrams per liter (mg/l or ppm)
kg/day	=	kilograms per day

CODE = N For any parameter which is not required to be analyzed during that calendar month

CODE = E To indicate all situations of laboratory non-reporting and invalid measurement and/or test results that have been accompanied by a laboratory statement explaining the situation. [Note: "CODE = E" entries should be explained in detail on the transmittal sheet]

NODI No Discharge volume occurred from the facility during the monitoring period

II.2. PERMIT REPORTING FOR CONCENTRATION VALUES

A. ND Values

Reporting of ND is not permissible. If the laboratory reports that the pollutant is at a ND level, the permittee shall report less than (<) the analytical detection level which the laboratory reported for that analysis. For example, if the laboratory data looks like this:

	Result	Analytical Detection Level
Benzene	ND	<10 ug/l

REPORT: <10 ug/l

All directions given in the remainder of this section for the detected but not quantified case also apply to the non-detectable case, since it is reported as less than (<) the analytical detection level.

B. Reporting Maximum Values for Concentration

(1) If the analytical values are all detected and quantified, report the actual maximum value. For example:

One Month of Lab Data (ug/l)
29, 102, 48, 63

REPORT: 102 ug/l as the maximum

(2) If the analytical values are all detected but not quantified or non-detectable, report less than (<) the least sensitive reported analytical detection level of the laboratory for that data set. For example:

One Month of Lab Data (ug/l)
<17, <12, <10, <10

REPORT: <17 ug/l as the maximum

(3) If some analytical values are detected and quantified and some analytical values are detected but not quantified or non-detectable, report the largest quantified value as the maximum. For example:

One Month of Lab Data (ug/l)
10, <15, 20, <25

REPORT: 20 ug/l as the maximum

C. Reporting Monthly Average Values for Concentration

(1) If the analytical values are all detected and quantified, average all values and report this number. For example:

One Month of Lab Data (ug/l)
20, 80, 60, 40

REPORT: 50 ug/l as the average

(2) If the analytical values are all detected but not quantified or non-detectable, report less than (<) the least sensitive of the reported analytical detection levels achieved by the laboratory. For example:

One Month of Lab Data (ug/l)
<17, <12, <10, <10

REPORT: <17 ug/l as the average

(3) If some values are detected and quantified and some values are detected but not quantified or non-detectable, for purposes of calculating the average, substitute one-half the analytical detection level for all values reported as less than the laboratory's reported analytical detection level and then report the calculated average. For example:

One Month of Lab Data (ug/l)
50, ND (<10), 35, <20

REPORT: 25 ug/l as the average

II.3. PERMIT REPORTING FOR MASS VALUES

A. The permittee shall measure and record the flow for each sampling period. To calculate a mass value, the concentration value for the sampling period is multiplied by the measured flow for the same period with the appropriate unit conversion factors. The procedures for reporting the mass values are essentially the same as those for concentration values. However, mass values must be calculated for each individual sampling occurrence before daily maximum and monthly average values can be calculated and reported.

The permittee shall not calculate mass loadings based on ND values but shall calculate an individual mass loading based on the reported analytical detection level and report < the calculated loading, in this instance.

B. Reporting Maximum Values for Mass

(1) If the laboratory analytical concentration values are all detected and quantified, calculate individual mass loadings for each sampling event and report the maximum value. For example, if the permittee has a weekly monitoring requirement and a monthly reporting requirement, the data and calculated mass loadings may look like this:

	Concentration	Flow	Mass Loading
Week 1	50 ug/l	0.1000 MGD	0.0189 kg/day
Week 2	25 ug/l	0.2000 MGD	0.0189 kg/day
Week 3	40 ug/l	0.1500 MGD	0.0227 kg/day
Week 4	50 ug/l	0.2000 MGD	0.0378 kg/day

REPORT: 0.0378 kg/day as the maximum

(2) If the laboratory analytical values are all detected but not quantified or non-detectable, calculate individual mass loadings for each sampling event and report less than (<) the largest mass loading for that data set. For example:

	Concentration	Flow	Mass Loading
Week 1	<10 ug/l	0.1000 MGD	<0.0038 kg/day
Week 2	<10 ug/l	0.2000 MGD	<0.0076 kg/day
Week 3	<12 ug/l	0.2000 MGD	<0.0091 kg/day
Week 4	ND (<10 ug/l)	0.1000 MGD	<0.0038 kg/day

REPORT: <0.0091 kg/day as the maximum

(3) If some of the laboratory analytical concentration values are detected and quantified and some of the laboratory analytical values are detected but not quantified or non-detectable, calculate individual mass loadings for each sampling event and report the maximum quantified value. For example:

	Concentration	Flow	Mass Loading
Week 1	10 ug/l	0.1000 MGD	0.0038 kg/day
Week 2	<15 ug/l	0.2000 MGD	<0.0114 kg/day
Week 3	20 ug/l	0.1500 MGD	0.0114 kg/day
Week 4	<25 ug/l	0.2000 MGD	<0.0189 kg/day

REPORT: 0.0114 kg/day as the maximum

C. Reporting Monthly Average Values for Mass

(1) If the analytical values are all detected and quantified, calculate individual mass loadings for each sampling event, average all values, and report this value:

	Concentration	Flow	Mass Loading
Week 1	50 ug/l	0.1000 MGD	0.0189 kg/day
Week 2	25 ug/l	0.2000 MGD	0.0189 kg/day
Week 3	40 ug/l	0.1500 MGD	0.0227 kg/day
Week 4	50 ug/l	0.2000 MGD	0.0378 kg/day

REPORT: 0.0246 kg/day as the monthly average

(2) If all analytical values are detected but not quantified or non-detectable, calculate individual mass loadings for each sampling event and report the highest mass loading:

	Concentration	Flow	Mass Loading
Week 1	<10 ug/l	0.1000 MGD	<0.0038 kg/day
Week 2	<10 ug/l	0.2000 MGD	<0.0076 kg/day
Week 3	<12 ug/l	0.2000 MGD	<0.0091 kg/day
Week 4	ND (<10 ug/l)	0.1000 MGD	<0.0038 kg/day

REPORT: <0.0091 kg/day as the monthly average

(3) If some values are detected and quantified and some values are detected but not quantified or non-detectable, for purposes of calculating the average, substitute one-half the calculated mass loading for all values reported as less than the laboratory's reported analytical detection levels and then report the calculated average:

	Concentration	Flow	Mass Loading
Week 1	53 ug/l	0.1000 MGD	0.0201 kg/day
Week 2	<10 ug/l	0.2000 MGD	<0.0076 kg/day
Week 3	53 ug/l	0.2000 MGD	0.0401 kg/day
Week 4	<10 ug/l	0.1500 MGD	<0.0057 kg/day

0.0201 + 0.0038 + 0.0401 + 0.0028 = 0.0668 kg/day

0.0668 / 4 = 0.0167 kg/day

REPORT: 0.0167 kg/day as the monthly average

III. Submitting Self-Monitoring Reports via Mail

III.1. The Middlesex County Utilities Authority (MCUA) Mailing Address:

2571 Main Street
P.O. Box 159
Sayreville, NJ 08872-0159

Attention: Industrial Pretreatment Program (IPP)

III.2. Requirements

The SMR should be postmarked no later than the 25th day of the month following the completed reporting period and should be submitted to the Authority no later that the 1st day of the following month. For example, the SMR for the month of January should be postmarked no later than February 25th and is due on March 1st. Facilities which have ceased discharge are still required to submit SMRs until the MCUA permit has been officially terminated. These facilities should write "NODI" across the face of the SMR.

The Self-Monitoring Report Form prepared by the Authority for use by the permittee must be used for all Self-Monitoring Report Submissions. Permittees who wish to use an alternate SMR form shall receive approval prior to their use. Until such time that the alternate form is approved by the MCUA, the enclosed SMR form shall be used. (NOTE: If there is a discrepancy between the permit and the SMR form, the permit shall take precedence).

If there is any inaccuracy in the SMR as submitted to the MCUA, you must immediately submit a copy of the SMR, with all necessary corrections noted thereon. All corrections must be made on the SMR in red ink and each revised value must be initialed and dated by the original signatory.

In lieu of submitting the SMRs by mail, the SMR can be submitted to the Authority electronically via the Authority website (www.mcua.com). The Authority strongly encourages permittees to use the Authority website to comply with the referenced permit monitoring and reporting requirements. If a permittee chooses not to submit SMRs via the Authority website, copies of the enclosed SMR, should be made and used as needed.

IV. Submitting Self-Monitoring Reports Electronically

IV.1. Data Entry Instructions

A. Website Address
- Access via MCUA.com website and click Submit SMR

B. Accounts
- How to login
  - User name, "contact" password
    NOTE: The contact password can ONLY enter data and save the form
  - User name, "authorized representative/signer" password
    NOTE: The authorized representative/signer password can also enter data and save the form and is required for submitting the form

- Once logged in, the password can be changed by clicking Change Password.

C. Entering an SMR; click on Enter New Information
- Enter header – Discharge Point, Start Date, End Date
- Mark any Operating Exceptions
- Enter Comments, if necessary
- Enter Flow on day sampled (if necessary) [Note: G(M) is Million Gallons]

- Click Edit All

  Under Quantity or Loading
  - Enter Flow: Average, Maximum and No. of Vio(lations)

  Under Quality or Concentration
  - Enter pH: Minimum, Maximum and No. of Vio(lations)
  - Fill out all required parameters, such as BOD5: Average, Maximum and No. of Vio(lations)

  NOTE: If only one sample was taken in a given month, the Average and Maximum are the same value.

  NOTE: Quantity or Loading will be calculated automatically (if a flow was entered for day of sampling).

  NOTE: Below DL (Detection Limit) and other special codes
  - Y: Value reported is below the Minimum Detection Limit.
  - <: Value reported is below the Minimum Detection Limit.
  - J: Value reported is from a sample where the holding time has been exceeded.
  - K: Value reported was detected but is less than the limit of detection of the analytical procedure.
  - L: Actual value is known to be greater than value reported.
  - T: Actual value is known to be less than the value reported. Use when the result of analysis is non-detection with the limit of detection of the analytical procedure as the value reported.
  - U: Parameter was analyzed for, but not detected.

- Enter Reporting Code – NODI, etc.
  - Code=C: Sample not taken due to accompanying certification statement
  - Code=E: Indicates situations of improper laboratory analysis, invalid measurement and/or test results. A statement should accompany such results from the laboratory.
  - Code=N: Sample not required this monitoring period (i.e., Quarterly Monitoring).
  - Code=NODI: No discharge; therefore, no samples taken.

  [NOTE: The MCUA IPP Staff is advising permittees to enter any required sampling data and then enter any necessary Reporting Code]

- Click Update All
- Add Attachments, if necessary
- Enter Certification Statement, if applicable

D. Saving the SMR
- Click Save Form

E. Submitting the SMR (ONLY available if entering site using the Authorized Representative/signer password)
- Click box certifying that the information is true, accurate and complete.
- Enter Authorized Representative/signer password
- Click Submit Form

NOTE: A confirmation e-mail will be sent (as long as the e-mail address is in the MCUA software system).

F. Printing the SMR: view as a PDF (Adobe Acrobat file), then the Form can be printed and/or saved.

G. Logging off the Site
- Click Logout

H. SMR Revisions
- Once the SMR is "Submitted", data can no longer be added or modified. If there is any inaccuracy in the SMR as submitted to the MCUA, you must immediately submit a copy of the SMR, with all necessary corrections noted thereon. All corrections must be made on the SMR in red ink and each revised value must be initialed and dated by the original signatory, and mail the Form to the MCUA.

MIDDLESEX COUNTY UTILITIES AUTHORITY (MCUA)
SELF-MONITORING REPORT (SMR)

PERMITTEE NAME / ADDRESS

NAME: Sevenson Env. Services/Cornell Dubilier Electronics

ADDRESS: 333 Hamilton Blvd.

South Plainfield, New Jersey

MCUA TDA NUMBER: 06-09

DISCHARGE POINT: DSN 001

MONITORING PERIOD: FROM _____ TO _____

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				# OF VIOS.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Flow	Sample Measurement				******	******	******				
	Permit Requirement	REPORT 30-DAY AVG.	48,000 DAILY MAX	GPD	******	******	******	***		CONTINUOUS	N/A
Flow (Total)	Sample Measurement				******	******	******				
	Permit Requirement	WEEKLY TOTAL	21,600,000 TOTAL TO DATE	GAL	******	******	******	***		CONTINUOUS	N/A
Flow (gpm)	Sample Measurement				******	******	******				
	Permit Requirement	REPORT 30-DAY AVG.	100 DAILY MAX	GPM	******	******	******	***		CONTINUOUS	N/A
Ph (Grab)	Sample Measurement	******	******			******					
	Permit Requirement	******	******	***	5.0 MINIMUM	******	10.0 MAXIMUM	S.U.		MONTHLY	GRAB
Total Petroleum Hydrocarbons	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	REPORT 30-DAY AVG.	100 DAILY MAX	MG L		MONTHLY	GRAB
Arsenic	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	1.000 30-DAY AVG.	3.000 DAILY MAX	MG L		MONTHLY	COMP.
Cadmium	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	0.260 30-DAY AVG.	0.690 DAILY MAX	MG L		MONTHLY	COMP.

	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS DOCUMENT AND ALL ATTACHMENTS AND THAT, BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION. I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.		TELEPHONE		DATE	
NAME / TITLE OF AUTHORIZED REPRESENTATIVE		SIGNATURE OF AUTHORIZED REPRESENTATIVE	AREA CODE	NUMBER	YEAR / MO / DAY	

ATTACH COMMENTS AND EXPLANATIONS OF ANY VIOLATIONS

FORM: SMR 2.1 REVISION: 8/02

MIDDLESEX COUNTY UTILITIES AUTHORITY (MCUA)
SELF-MONITORING REPORT (SMR)

ERMITTEE NAME / ADDRESS

AME: Sevenson Env. Services/Cornell Dubilier Electronics

DDRESS: 333 Hamilton Blvd.

South Plainfield, New Jersey

MCUA TDA NUMBER: 06-09

DISCHARGE POINT: DSN 001

MONITORING PERIOD: FROM _____ TO _____

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				# OF VIOS.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Chromium (Total)	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	0.120 30-DAY AVG.	0.230 DAILY MAX	MG L		MONTHLY	COMP.
Copper	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	0.360 30-DAY AVG.	1.100 DAILY MAX	MG L		MONTHLY	COMP.
Lead	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	0.400 30-DAY AVG.	0.600 DAILY MAX	MG L		MONTHLY	COMP.
Mercury	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	0.048 30-DAY AVG.	0.110 DAILY MAX	MG L		MONTHLY	COMP.
Nickel	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	0.170 30-DAY AVG.	0.360 DAILY MAX	MG L		MONTHLY	COMP.
Silver	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	0.240 30-DAY AVG.	0.430 DAILY MAX	MG L		MONTHLY	COMP.
Zinc	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	0.660 30-DAY AVG.	2.200 DAILY MAX	MG L		MONTHLY	COMP.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS DOCUMENT AND ALL ATTACHMENTS AND THAT, BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.

NAME / TITLE OF AUTHORIZED REPRESENTATIVE

SIGNATURE OF AUTHORIZED REPRESENTATIVE

TELEPHONE: AREA CODE | NUMBER

DATE: YEAR | MO | DAY

ATTACH COMMENTS AND EXPLANATIONS OF ANY VIOLATIONS

MIDDLESEX COUNTY UTILITIES AUTHORITY (MCUA)
SELF-MONITORING REPORT (SMR)

PERMITTEE NAME / ADDRESS
NAME: Sevenson Env. Services/Cornell Dubilier Electronics

ADDRESS: 333 Hamilton Blvd.
South Plainfield, New Jersey

MCUA TDA NUMBER: 06-09 DISCHARGE POINT: DSN 001

MONITORING PERIOD: FROM _____ TO _____

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				# OF VIOS.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Total Toxic Organics	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	REPORT 30-DAY AVG.	2.13 DAILY MAX	MG L		MONTHLY	COMP./ /GRAB
Volatile Organics	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	REPORT 30-DAY AVG.	REPORT DAILY MAX	MG L		MONTHLY	GRAB
Base/Neutrals	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	REPORT 30-DAY AVG.	REPORT DAILY MAX	MG L		MONTHLY	COMP.
Acid Extractables	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	REPORT 30-DAY AVG.	REPORT DAILY MAX	MG L		MONTHLY	COMP.
Pentane	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	REPORT 30-DAY AVG.	REPORT DAILY MAX	MG L		MONTHLY	Comp.
Pesticides	Sample Measurement				******						
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	BMDL 30-DAY AVG.	BMDL DAILY MAX	MG L		MONTHLY	COMP.
PCBs	Sample Measurement				******				1		
	Permit Requirement	REPORT 30-DAY AVG.	REPORT DAILY MAX	KG DAY	******	REPORT 30-DAY AVG.	0.003 DAILY MAX	MG L		MONTHLY	COMP.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS DOCUMENT AND ALL ATTACHMENTS AND THAT, BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.

NAME / TITLE OF AUTHORIZED REPRESENTATIVE	SIGNATURE OF AUTHORIZED REPRESENTATIVE	TELEPHONE: AREA CODE	TELEPHONE: NUMBER	DATE: YEAR	DATE: MO	DATE: DAY

ATTACH COMMENTS AND EXPLANATIONS OF ANY VIOLATIONS